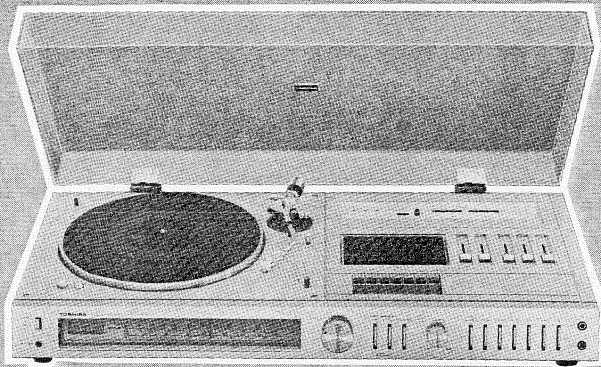


TOSHIBA

STEREO MUSIC CENTRE

SM-3600



SPECIFICATIONS

GENERAL

Power Source: 220V 50Hz for Europe
240V 50Hz for United Kingdom
& Australia
Power Consumption: 115W
System Dimensions: W 810 × H 185 × D 435 (mm)
System Weight: 17 kg

AMPLIFIER

Music Power: Total 60W, 1% THD (4 ohms)
Continuous Power: 2 × 25W, 1% THD (4 ohms)
(Single Channel Driven)
2 × 22W, 1% THD (4 ohms)
(Both channels driven)
2 × 16W, 1% THD (8 ohms)
(Single Channel Driven)
2 × 15W, 1% THD (8 ohms)
(Both Channels Driven)

Frequency Response: 20 Hz — 40,000 Hz (±3 dB)
Difference Output: ±2 dB
Crosstalk Attenuation: 55 dB At 1 kHz
Signal To Noise Ratio: 60 dB
Sensitivity at Rated Power Output: Moving Magnet Cartridge:
3.5 mV
(Maximum Capability 100 mV)
at 1 kHz
Tape in: 0.5V (DIN)
Tape in: 100 k Ohms at 1 kHz
0.3 mV/k ohm
Bass: ±10 dB at 100 Hz
Treble: ±10 dB at 10 kHz
5 dB at 100 Hz
Loudness: Recommended Impedance:
Headphones: More Than 8 ohm

TUNER

Frequency Range: SW 3.8 — 12 MHz
MW 525 — 1605 kHz
FM 88 — 108 MHz
LW 150 — 380 kHz

FM BAND

Aerial: External Aerial
(300 Ohm & 75 Ohm)

Usable Sensitivity:

Mono: 4 μV
Stereo: 10 μV
Mono 56 dB
(40 kHz Deviation at 1 kHz)
0.3% (40 kHz Deviation)
40 dB
35 dB

Signal to Noise Ratio:

Distortion at 1 kHz:
AM Suppression:
Separation at 1 kHz:

AM BAND

Aerial: High Sensitivity Aerial Coil
Usable Sensitivity:
(IEC 500 mW/4 Ohms)
LW: (240 kHz): 70 μV
SW: (7 MHz): 30 μV
MW: (1000 kHz): 30 μV

TURNTABLE

Drive System: Belt Drive
Motor: AC 4-pole Synchronous
Turntable Platter: 30 cm Diameter
Speed: 33-1/3 & 45 r.p.m.
Wow and Flutter: Less than 0.1% (w.r.m.s.)
Signal to Noise Ratio: More than 45 dB
Cartridge (MM): C-52M
Stylus (Diamond): N-52D
Stylus Pressure: 2.5 ± 0.5g

CASSETTE RECORDER

Usable Tape: Compact Cassette
Tape Speed: 4.75 cm/s
Recording System: AC Bias
Erasing System: AC Erase
Track System: 4-track, 2-Channel

Heads:

Record/Playback Head, Erase Head
Frequency Response: 40 Hz — 10,000 Hz (±3 dB)
Signal to Noise Ratio: 55 dB

ACCESSORIES

Stereophonic:
FM "T" Shaped Room Aerial
AM Wire Aerial
EP Record Adaptor
Dynamic Microphone
(United Kingdom only)

Specifications are subject to change without notice.

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1. OPERATING INSTRUCTIONS

1-1 FRONT VIEW

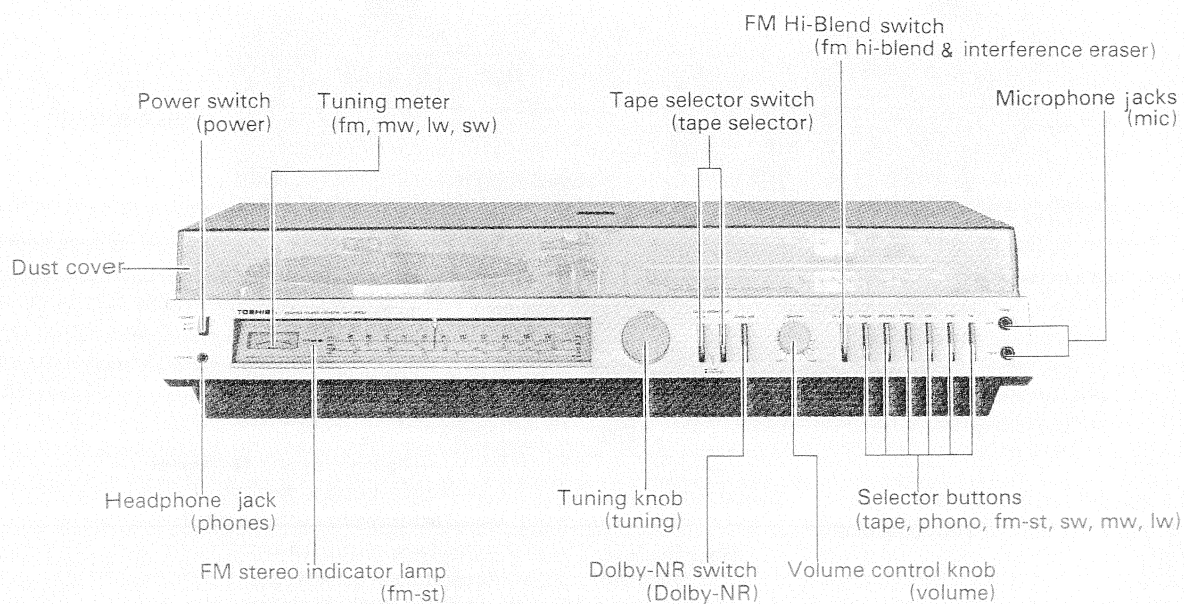


Figure 1

1-2 BACK VIEW

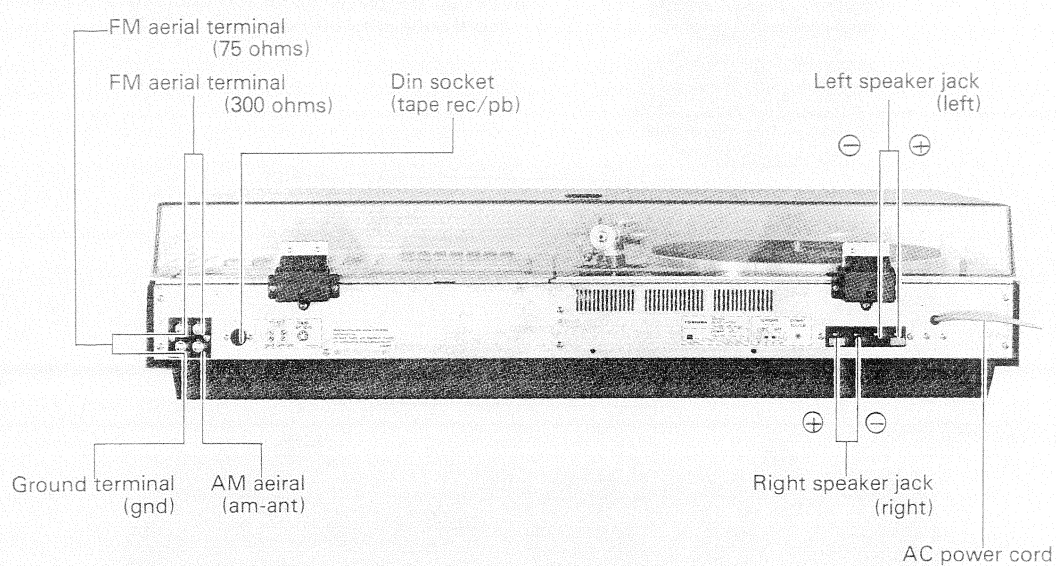


Figure 2

1-3 TOP VIEW

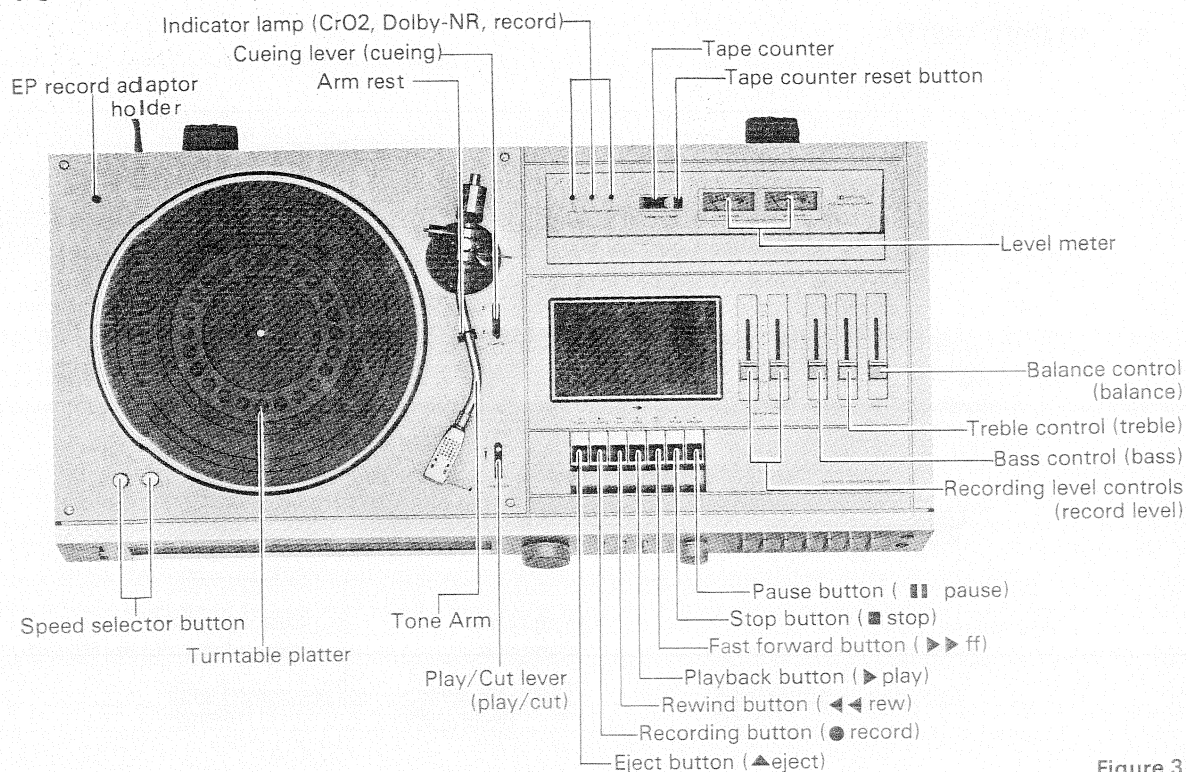
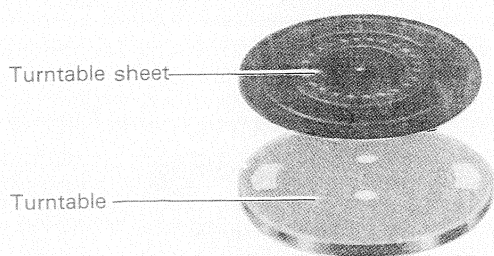


Figure 3

2. DISASSEMBLY INSTRUCTIONS

2-1 PLAYER REMOVAL



- Lift up the turntable sheet and turntable.
- Remove the two transit screws marked (※) from the player panel.
- Remove the four mounting screws marked (★) from the player panel.
- Lift up the player panel and disconnect the power line cord connector (4P) and U.S. 1P cord.

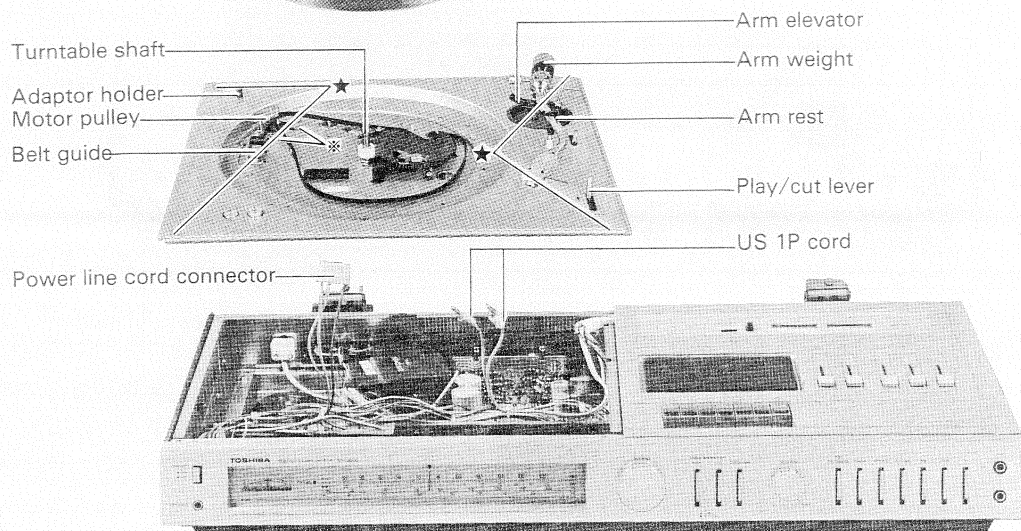


Figure 4

2-2 CASSETTE REMOVAL

- Lift up the two screw covers using each opening space marked (★) and remove six screws marked (*) as shown in figure 5.
- Take off five knobs marked (■) as shown in figure 5.
- Then, the cassette panel can be removed.
- Remove the six screws marked (●) as shown in figure 6 and disconnect two 13P female connectors and a 7P female connector from their male connectors as shown in figure 7 and 8.
- Then, the chassis can be completely removed from the cabinet.

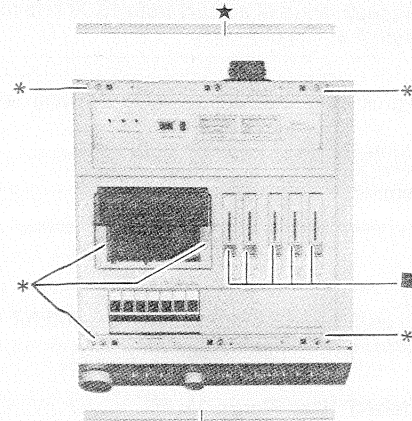


Figure 5

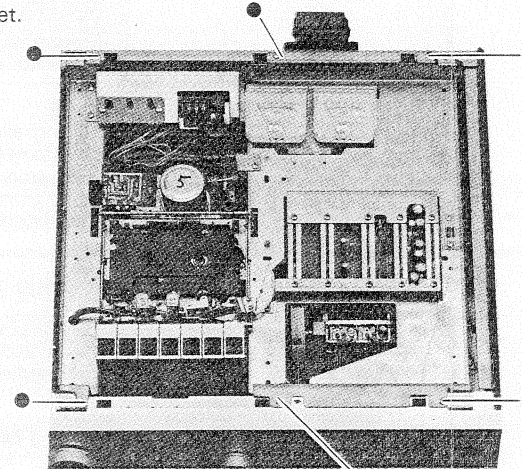


Figure 6

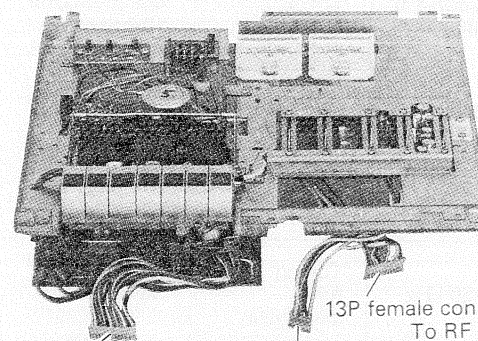


Figure 7

13P male connector
from the deck P.C.B.

7P male connector
from the deck P.C.B.

13P male connector
from the deck P.C.B.

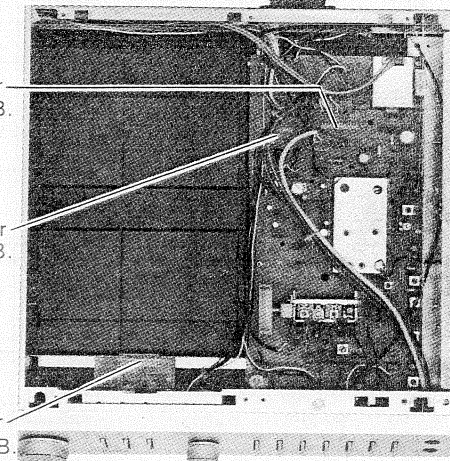


Figure 8

2-3 CABINET REMOVAL

Remove the eleven screws marked (●) as shown in figure 9.

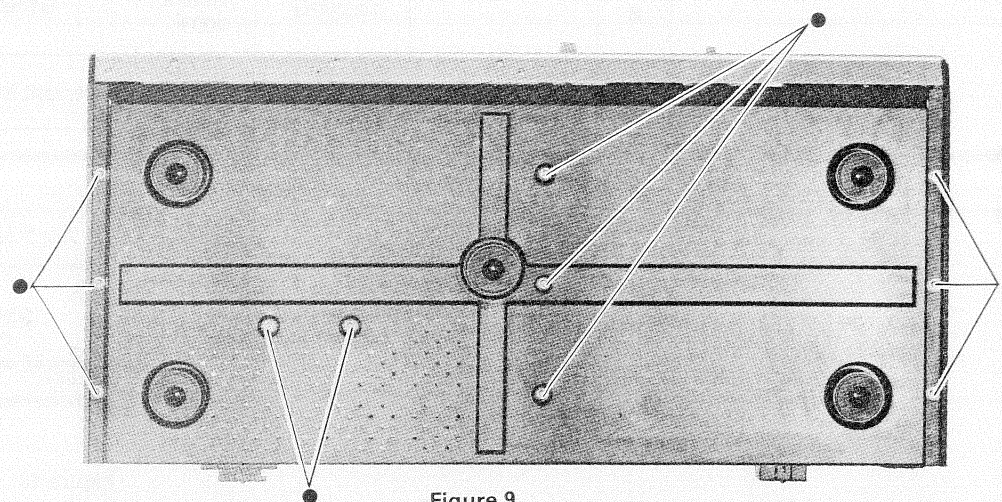


Figure 9

2-4 DIAL CORD STRINGING

- Set the tuning capacitor to the maximum capacitance (fully counterclockwise position).
- Wind the dial cord in the numerical sequence as shown in figure 9.

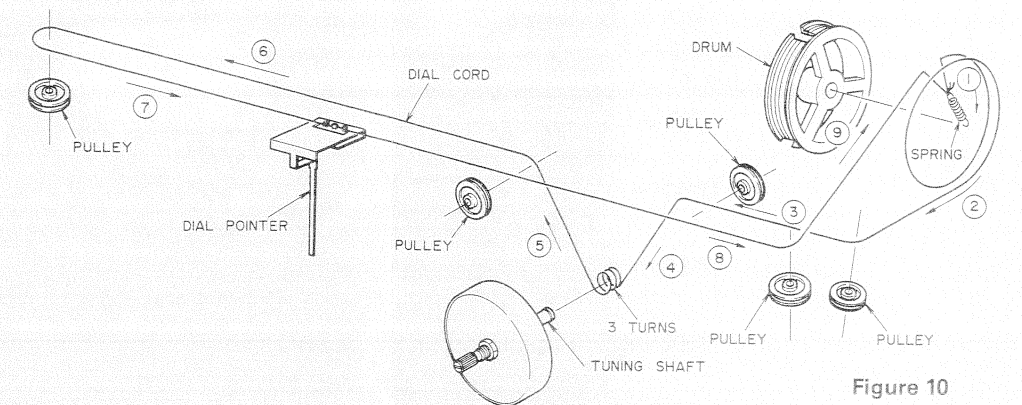
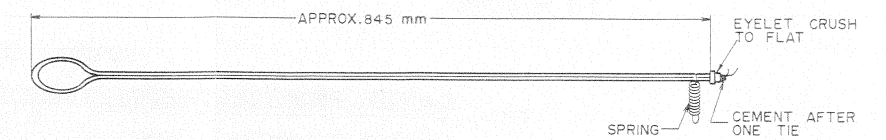


Figure 10

2-5 CARTRIDGE AND STYLUS REPLACEMENT

- Exchange of the stylus can be done as shown in figure 11.
- Separate the headshell from the arm to the arrow direction and remove the two screws marked (#) as shown in figure 12.
- Then, the cartridge can be removed from the headshell as shown in figure 13.

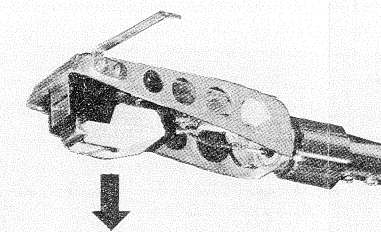


Figure 11

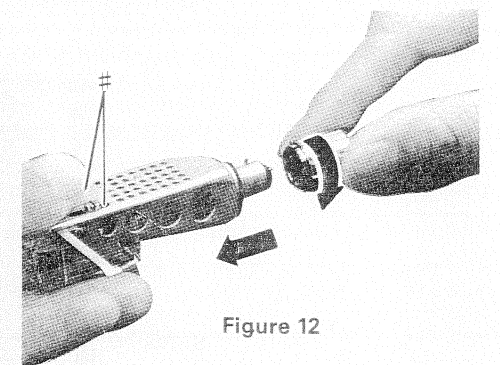


Figure 12

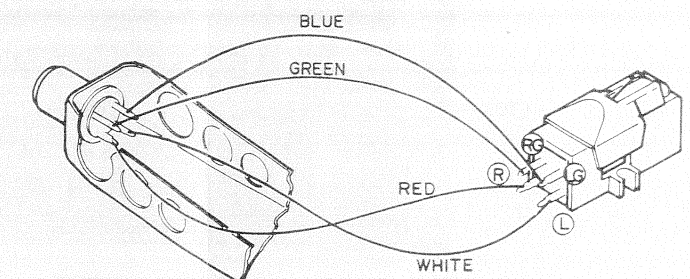


Figure 13

3. ALIGNMENT POINTS

3-1 RADIO

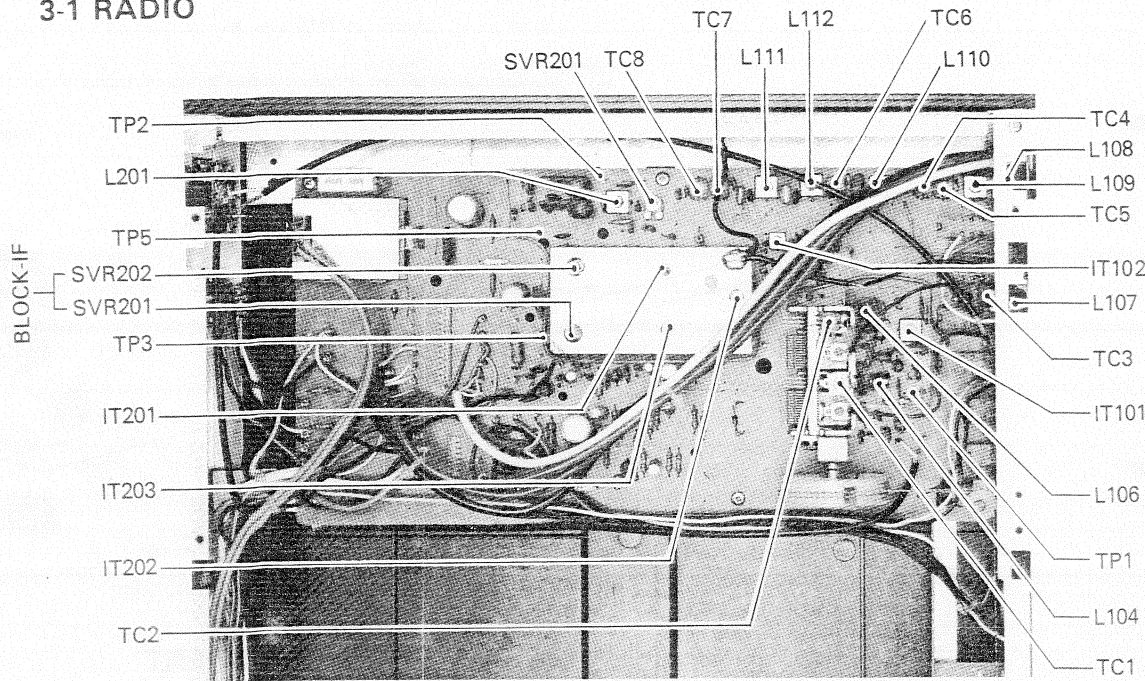


Figure 14

3-2 TAPE DECK

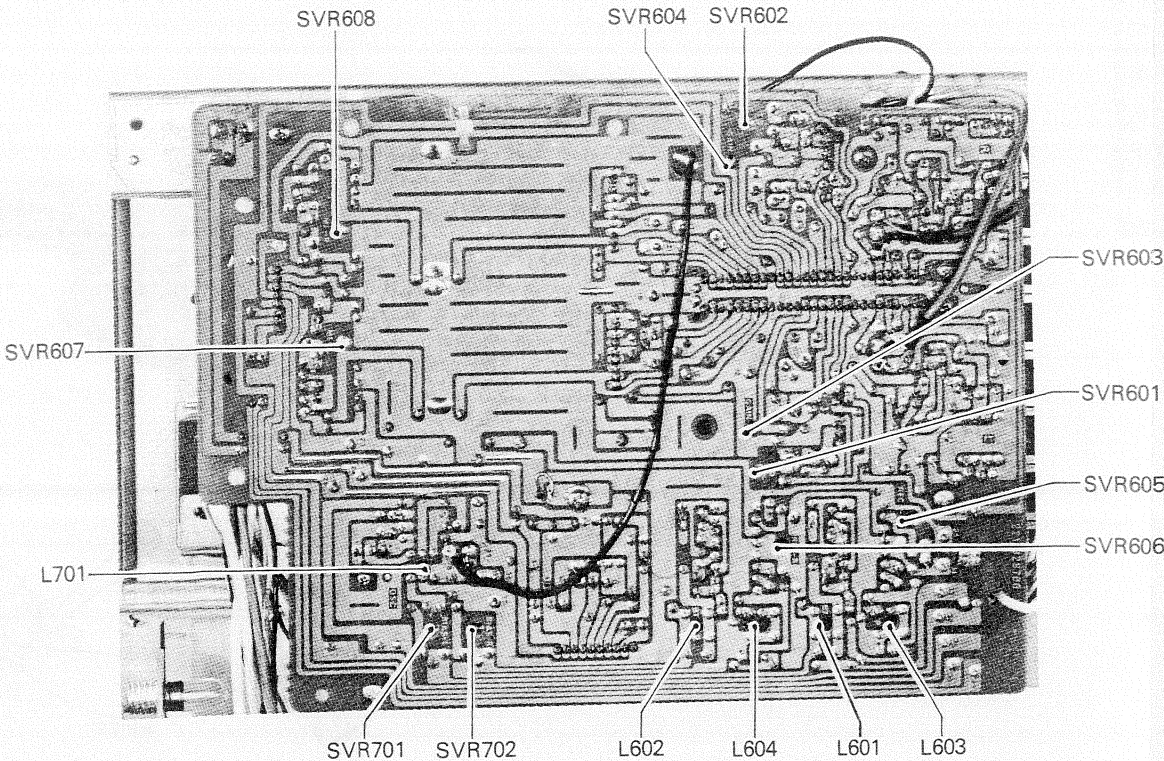


Figure 15

4. ALIGNMENT INSTRUCTIONS

1. Sweep signal generator (Sweep range of at least 300 kHz, center frequency of 10.7 MHz.)
2. Signal generator with a frequency range of at least from 140 kHz to 13 MHz for AM, from 87 MHz to 110 MHz and 10.7 MHz for FM.
3. Oscilloscope with a wide range amplifier of approximately 100 kHz.
4. VTVM (Vacuum tube voltmeter)
5. Frequency Counter with a frequency range of at least from 18.00 kHz to 20.00 kHz.
6. Oscillator with a frequency range of at least 114 kHz.

NOTES:

1. During alignment keep the signal generator output at the lowest level where useable from the set can be maintained.
2. Ground connection of signal generator To chassis ground.
3. Generator modulation 400 Hz, 30%.
4. For alignment points, see schematic diagram.

4-1 MW ALIGNMENT

1. Set SELECTOR switch to MW.
2. Set signal generator frequency as listed in TABLE 1 MW ALIGNMENT CHART.
3. Proceed as outlined in the TABLE 1 MW ALIGNMENT CHART.

TABLE 1 MW ALIGNMENT CHART (See Figure 14, 16)

Step	Signal Generator Connection	Signal Generator Frequency	Radio Dial Setting	Meter or Oscilloscope Connection	Adjustment	Remarks
1	I.E.C. Dummy Antenna	455 kHz	Tuning gang fully counter-clockwise	VTVM across voice coil	IT102 IT202 IT203	Adjust for Maximum
2	"	510 kHz	Same as step 1	Same as step 1	L111	Same as step 1
3	"	1650 kHz	Tuning gang fully clockwise	Same as step 1	TC7	Same as step 1
4	Repeat steps 2 and 3 until no further improvement is noticed.					
5	I.E.C. Dummy Antenna	600 kHz	Tune to signal	Same as step 1	L108	Same as step 1
6	"	1400 kHz	Tune to signal	Same as step 1	TC4	Same as step 1
7	Repeat steps 5 and 6 until no further improvement is noticed.					

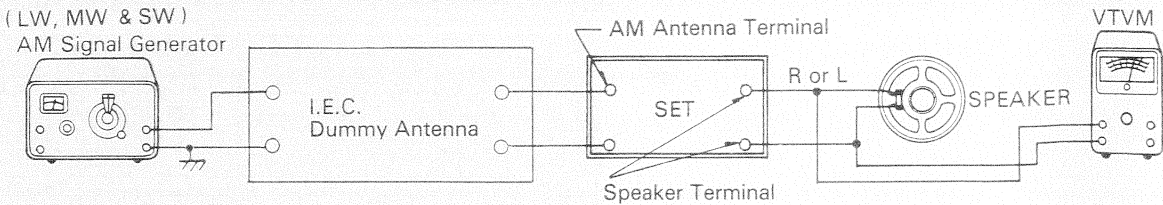


Figure 16

4-2 LW ALIGNMENT

1. Set SELECTOR switch to LW.
2. Set signal generator frequency as listed in TABLE 2 LW ALIGNMENT CHART.
3. Proceed as outlined in the TABLE 2 LW ALIGNMENT CHART.

TABLE 2 LW ALIGNMENT CHART (See Figure 14, 16)

Step	Signal Generator Connection	Signal Generator Frequency	Radio Dial Setting	Meter or Oscilloscope Connection	Adjustment	Remarks
1	I.E.C. Dummy Antenna	145 kHz	Tuning gang fully counter-clockwise	VTVM across voice coil	L112	Adjust for maximum
2	"	385 kHz	Tuning gang fully clockwise	Same as step 1	TC8	Same as step 1
3	Repeat steps 1 and 2 until no further improvement is noticed.					
4	I.E.C. Dummy Antenna	170 kHz	Tune to signal	Same as step 1	L109	Same as step 1
5	"	320 kHz	Tune to signal	Same as step 1	TC5	Same as step 1
6	Repeat steps 4 and 5 until no further improvement is noticed.					

4-3 SW ALIGNMENT

1. Set SELECTOR switch to SW.
2. Set signal generator frequency as listed in TABLE 3 SW ALIGNMENT CHART.
3. Proceed as outlined in the TABLE 3 SW ALIGNMENT CHART.

TABLE 3 SW ALIGNMENT CHART (See Figure 14, 16)

Step	Signal Generator Connection	Signal Generator Frequency	Radio Dial Setting	Meter or Oscilloscope Connection	Adjustment	Remarks
1	I.E.C. Dummy Antenna	3.7 MHz	Tuning gang fully counter-clockwise	VTVM across voice coil	L110	Adjust for maximum
2	"	12.5 MHz	Tuning gang fully clockwise	Same as step 1	TC6	Same as step 1
3	Repeat steps 1 and 2 until no further improvement is noticed.					
4	I.E.C. Dummy Antenna	4 MHz	Tune to signal	Same as step 1	L107	Same as step 1
5	"	11 MHz	Tune to signal	Same as step 1	TC3	Same as step 1
6	Repeat steps 4 and 5 until no further improvement is noticed.					

4-4 FM ALIGNMENT

1. Set SELECTOR switch to FM-st.
2. Set signal generator frequency as listed in TABLE 4 FM ALIGNMENT CHART.
3. Proceed as outlined in the TABLE 4 FM ALIGNMENT CHART.

TABLE 4 FM ALIGNMENT CHART (See Figure 14, 17)

Step	Signal Generator Connection	Signal Generator Frequency	Radio Dial Setting	Meter or Oscilloscope Connection	Adjustment	Remarks
1	Sweep Generator through buffer to TP 1	10.7 MHz	Tuning gang fully counter-clockwise	Scope to TP 2 as shown in Figure 17.	IT 101 IT 201	See "S curve" in Figure 17.
2	300 ohms matching pad	87.7 MHz	Same as step 1	VTVM across voice coil	L 106	Adjust for Maximum
3	Same as step 2	109 MHz	Tuning gang fully clockwise	Same as step 2	TC 2	Same as step 2
4	Repeat steps 2 and 3 until no further improvement is noticed.					
5	Same as step 2	90 MHz	Tune to signal	Same as step 2	L 104	Same as step 2
6	Same as step 2	106 MHz	Tune to signal	Same as step 2	TC 1	Same as step 2
7	Repeat steps 5 and 6 until no further improvement is noticed.					

CAUTION:

When realigning the FM Receiving Frequency, the lower side of the frequency range must not be below 87.5 MHz in order to comply FTZ regulations in West Germany.

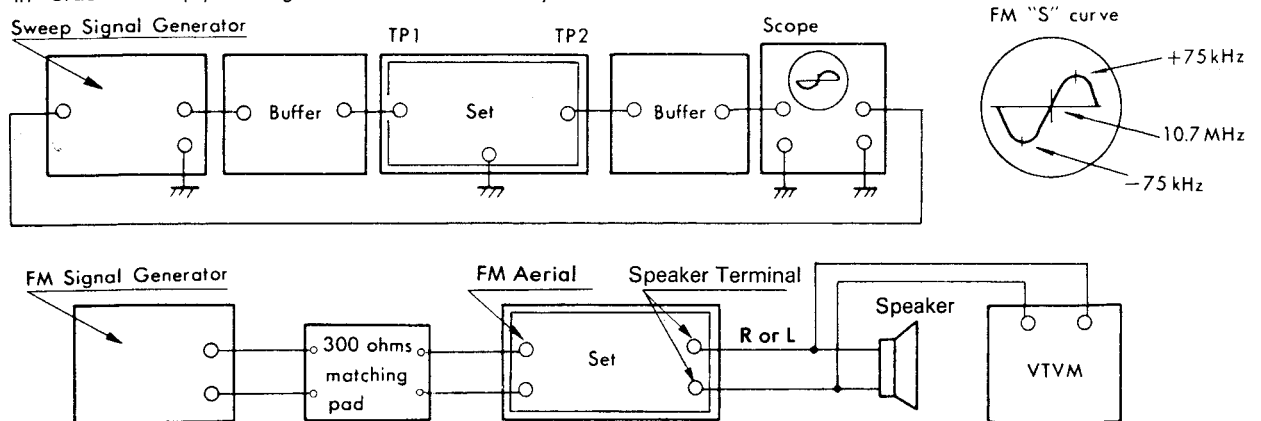


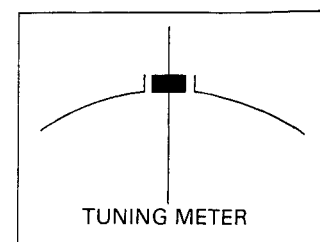
Figure 17

4-5 FM-TUNING METER ALIGNMENT

Set SELECTOR switch to FM-st.

TABLE 5 FM-TUNING METER ALIGNMENT CHART (See Figure 14)

Radio Dial Setting	Adjustment	Remarks
No signal position	SVR201 (Semi-fixed resistor)	See TUNING METER at Center



4-6 FM-114 kHz ALIGNMENT

General Alignment Conditions.

1. RF Signal input should be about 60 dB (1 mV).
2. Set tuning gang to quiet point on dial.
3. Generator modulation 30% (22.5 kHz Dev.)

TABLE 6 FM-114 kHz ALIGNMENT CHART (See Figure 14, 18)

Signal Generator Connection	Modulation Frequency	Signal Generator Frequency	Meter or Oscilloscope Connection	Adjustment	Remarks
300 ohms matching pad	114 kHz at External Modulation	98 MHz	VTVM across TP2, TP5 as shown in Figure 18	L201	Adjust for minimum

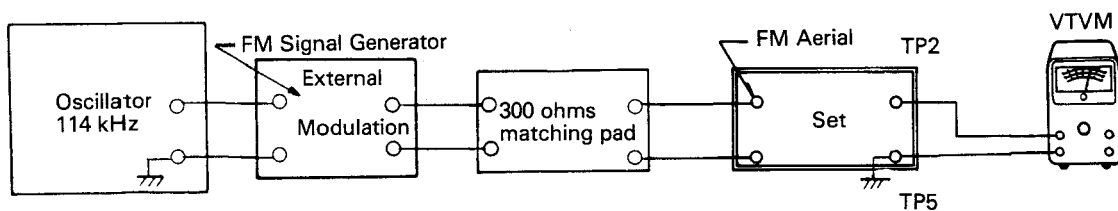


Figure 18

4-7 FM STEREO ALIGNMENT

General Alignment conditions

1. RF signal input should be about 60 dB (1 mV).
2. Set tuning gang to quiet point on dial.

Note:

Set the deviation meter by the signal of L = R and switch mode desired.

TABLE 7 FM STEREO ALIGNMENT CHART (See Figure 14, 19)

Step	Modulation Frequency	Modulation Mode setting	Modulation level setting	Output Indicator connection	Adjustment	Remarks
1				Frequency Counter across TP3, TP5 as shown in Figure 19. (at shunt TP2 and TP5)	BLOCK-IF SVR201 Semi-fixed resistor slightly	Adjust for $19.00 \pm 0.03\text{kHz}$
2	1000 Hz	Stereo R with pilot	90% (Main & Sub) (67.5 kHz Dev.) 10% (pilot) (7.5 kHz Dev.)	Oscilloscope or VTVM across voice coil of L ch.	BLOCK-IF SVR202 Semi-fixed resistor slightly (separation)	Adjust for minimum

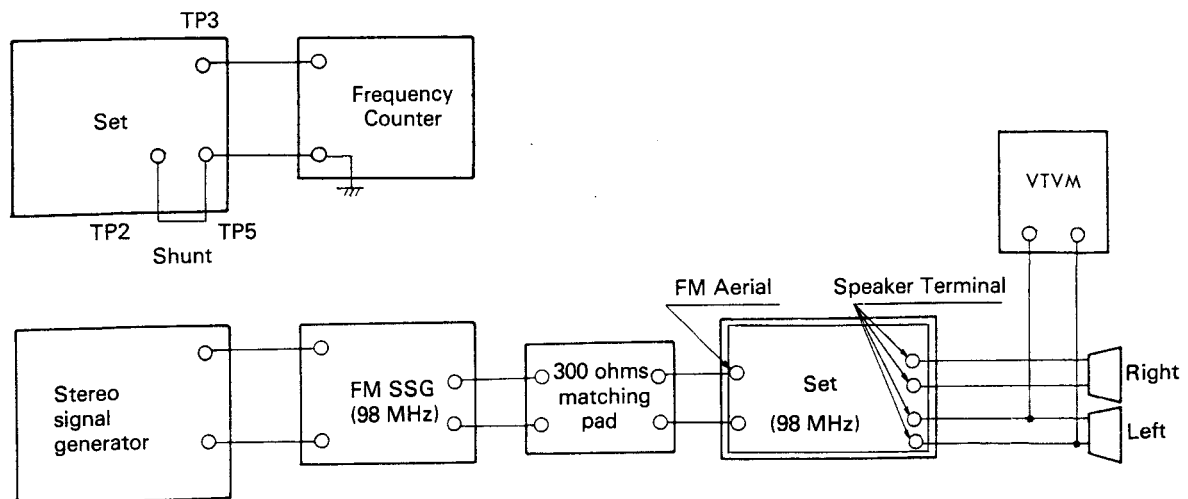


Figure 19

4-6 TAPE DECK ALIGNMENT

TABLE 7 TAPE DECK ALIGNMENT CHART (See Figure 14, 5-11)

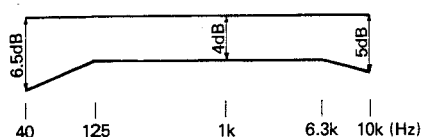
Step	Item	Adjustment	Performance	Test Point	Output Indicator Connected	Remarks	Connection
1	TAPE Speed	GOVERNOR P.C.B. SVR902 (Main) SVR901 (Sub)	TEST TAPE MTT-111 (3000 Hz) Tape play back	Tape Deck Output (R ch or L ch)	VTVM Frequency Counter	Frequency 3000 Hz	
2	Record and Playback head azimuth adjustment		TEST TAPE MTT-114 (10 kHz) Tape Play Back	Tape Deck Output (R ch and L ch)	VTVM Frequency Counter	To maximum reading of VTVM against lower output channel of L ch or R ch	
3	TAPE bias Frequency	L701	BLANK TAPE Recording and Pause	Tape Deck P.C.B. Across Point 4 and 5 (Earth) (L ch) Across Point 7 and 8 (Earth) (R ch)	VTVM Frequency Counter	Fm hi-blend switch OFF 66.5 kHz Fm hi-blend switch ON 63.8 kHz	
4	TAPE bias Current	SVR701 (L ch) SVR702 (R ch) L601 L602	Same as Step 3	Same as Step 3	VTVM	NORMAL position 2.9mV CrO2 position 4.7mV No difference on current in Fm hi-blend switch shifting	Same as step 3
5	Meter reading	SVR607 (Lch) SVR608 (Rch)	Same as Step 3	Tape Deck P.C.B. Point 20 and 18 (L ch) Point 21 and 18 (R ch)	OSC VTVM Frequency Counter	Input signal 1 kHz 116mV Level meter 0 reading Output level 410mV	
	Recording Current Adjustment	SVR605 (L ch) SVR606 (R ch)	BLANK TAPE Recording and pause	Tape Deck P.C.B. across point 4 and 5 (L ch) across point 7 and 8 (R ch)	OSC VTVM Frequency Counter	Input signal 1 kHz 116mV 0.38mV output on test point (Output level 410mV)	Same as step 3
7	Peaking Adjustment (CrO2 position)	L603 (L ch) L604 (R ch)	Same as step 7	Same as step 7	Same as step 7	Input signal 10kHz 116mV 1.33mV output on test point	Same as step 3
8	PLAYBACK Gain Adjustment	SVR603 (L ch) SVR604 (R ch)	TEST TAPE MTT-112 (333 Hz 0 dB) PLAY BACK position	Tape Deck output (R ch and L ch)	VTVM Oscilloscope Frequency Counter	Output Level 650mV	
9	Play Back HEAD Level Adjustment (NORMAL)	SVR601 (L ch) SVR602 (R ch)	TEST TAPE MTT-117L (frequency response) PLAY BACK position	Tape Deck output (R ch and L ch)	VTVM OSC Counter	Output Setting Level 333Hz 205.5mV 10kHz 205.5mV	Same as step 8

Tape Deck Performance

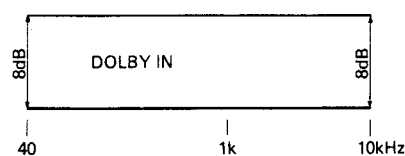
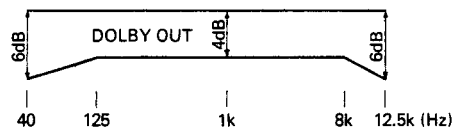
1. Wow & Flutter
Less than 0.24% (RMS) TEST TAPE MTT-111

2. Over All S/N DOLBY OUT IN
More than 47 dB
More than 55 dB

3. PLAY BACK Frequency Response TEST TAPE MTT-116U or MTT-116K

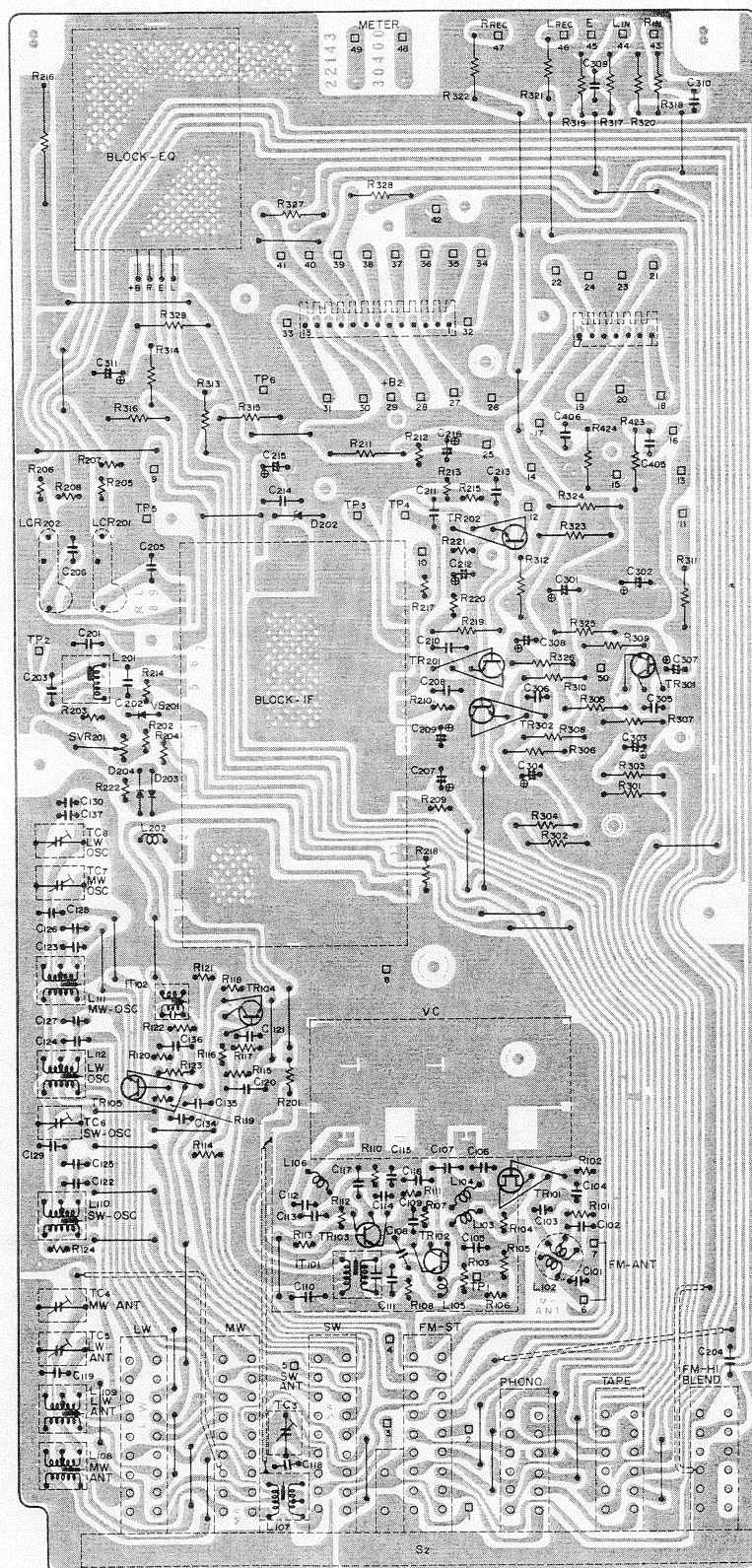


4. Over HLL Frequency Response TPK AC-211 or AC-511

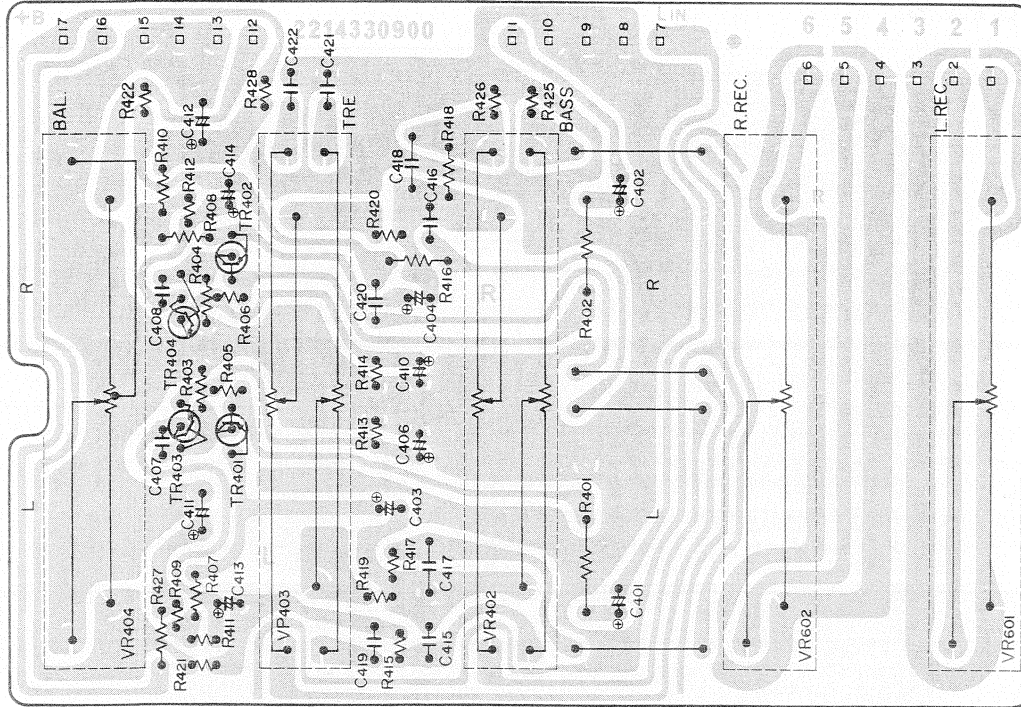


5. PRINTED CIRCUIT BOARDS (BOTTOM VIEW)

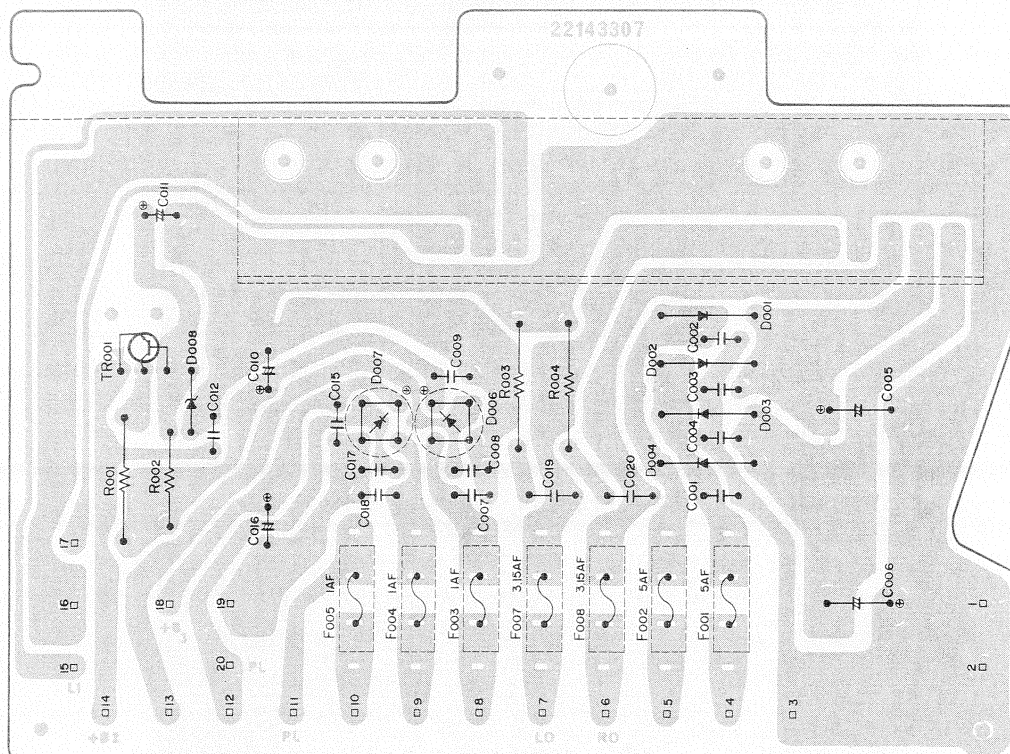
5-1 RADIO P.C.B.



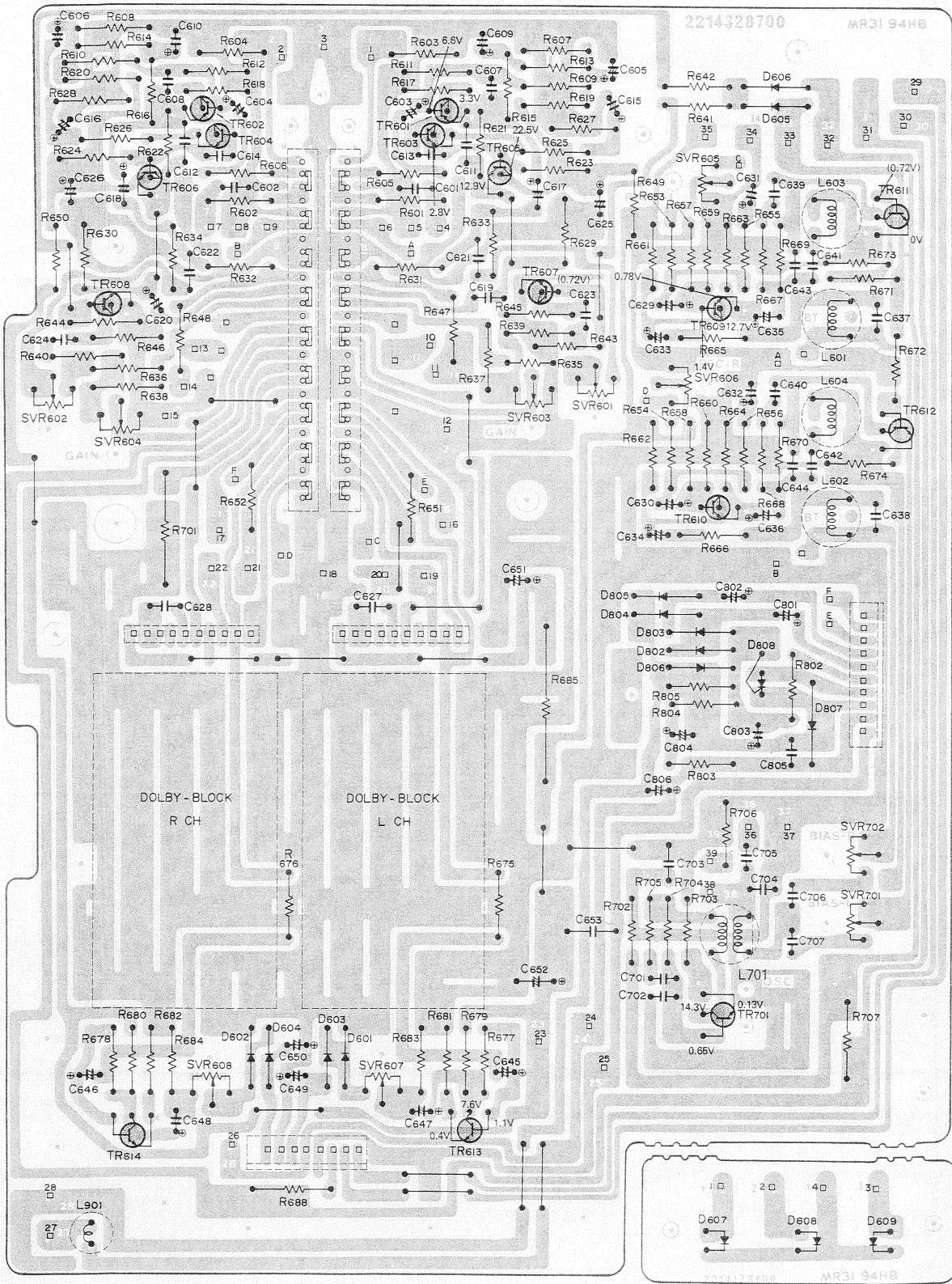
5-2 TONE P.C.B.



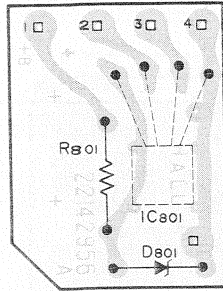
5-3 SUPPLY P.C.B.



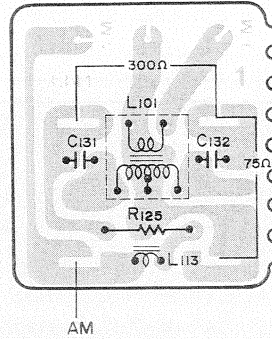
5-11 CASSETTE DECK P.C.B.



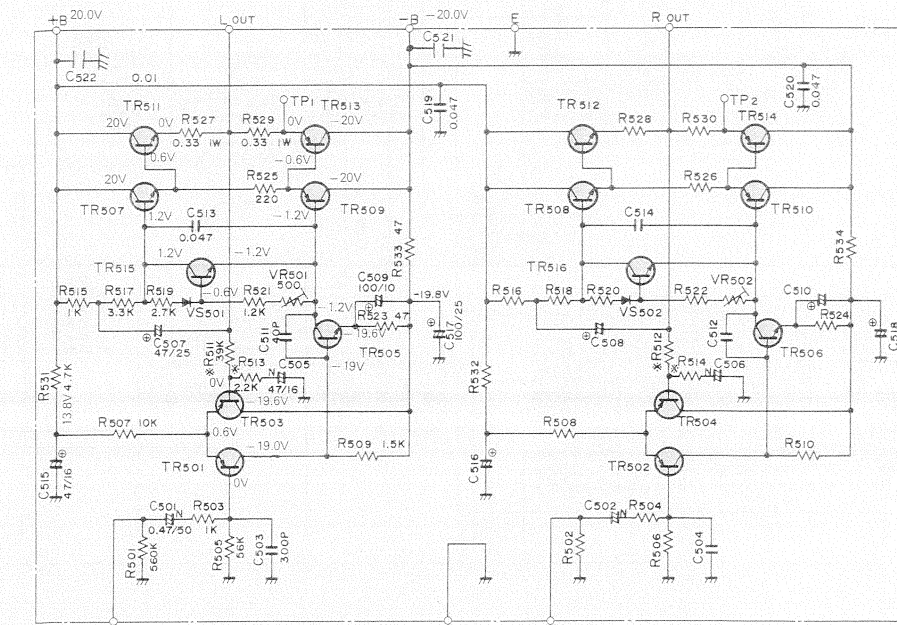
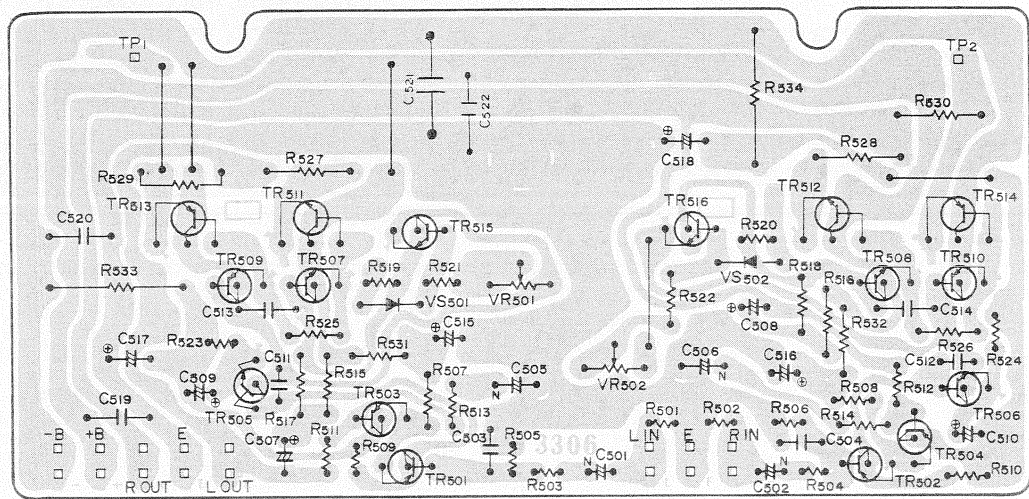
5-12 HALL P.C.B.



5-13 BALUN P.C.B.

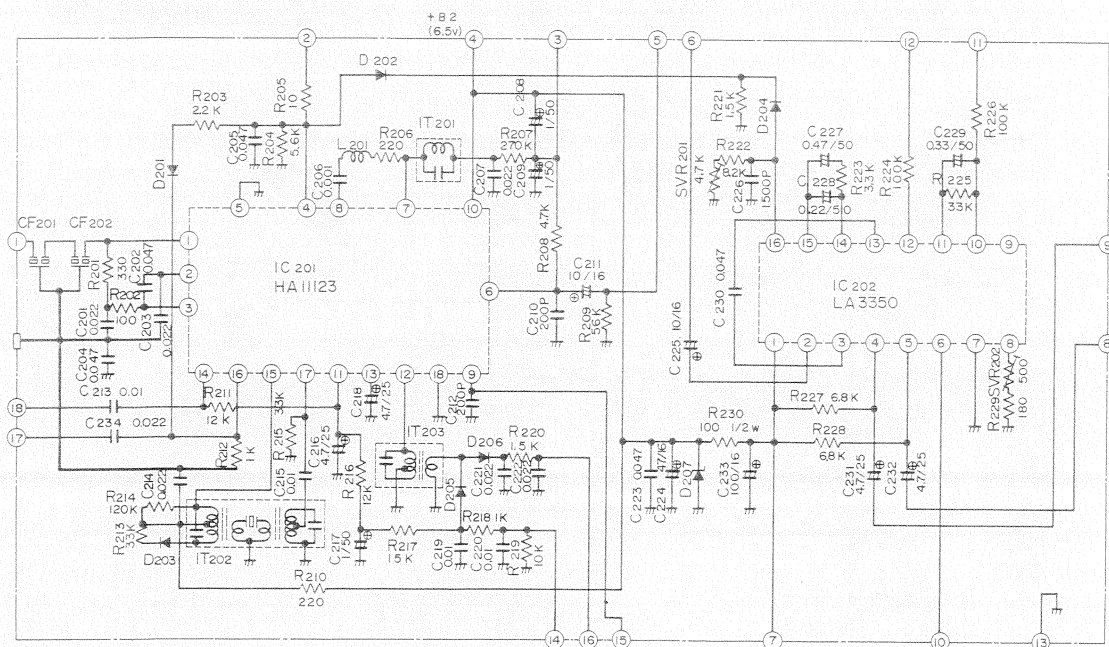
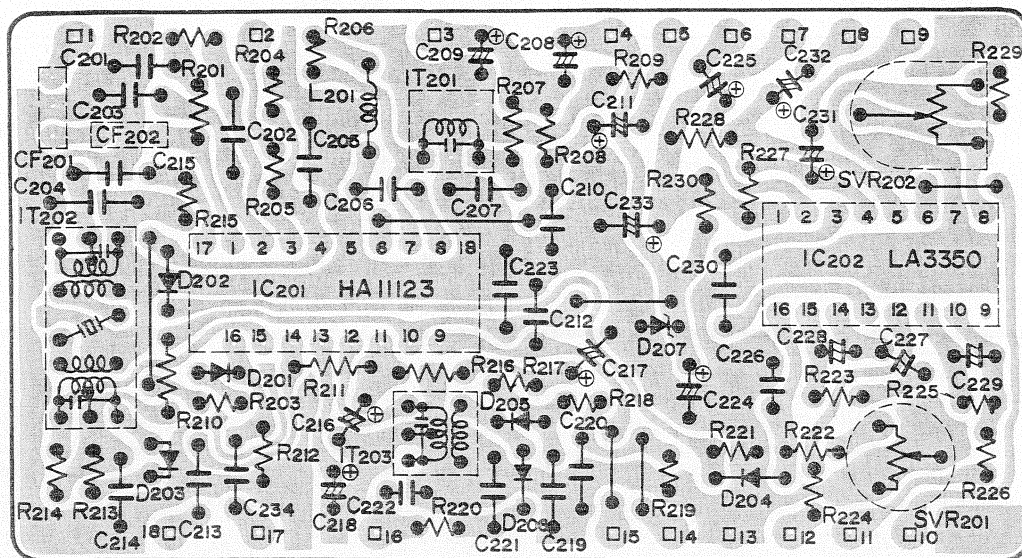


5-14 AF P.C.B. AND SCHEMATIC DIAGRAM

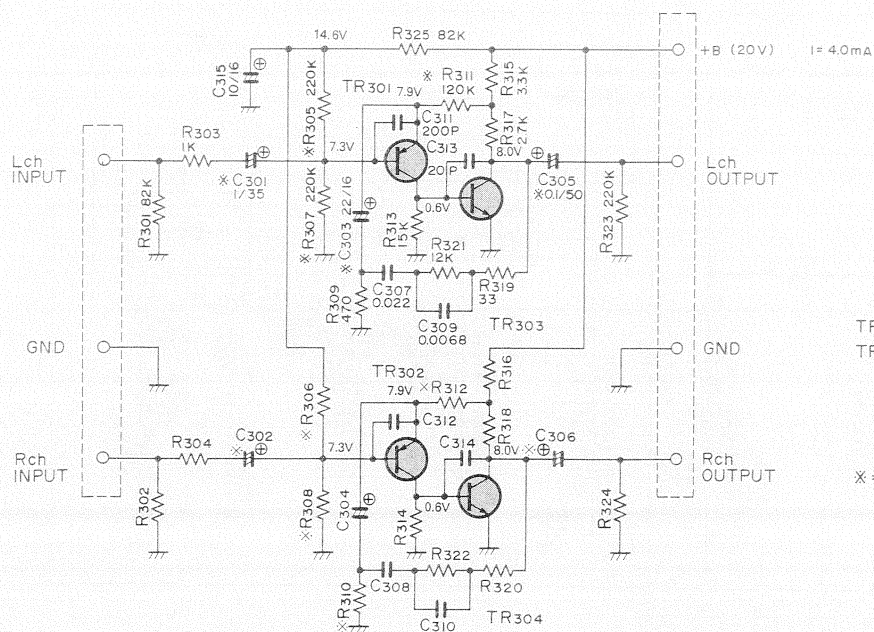
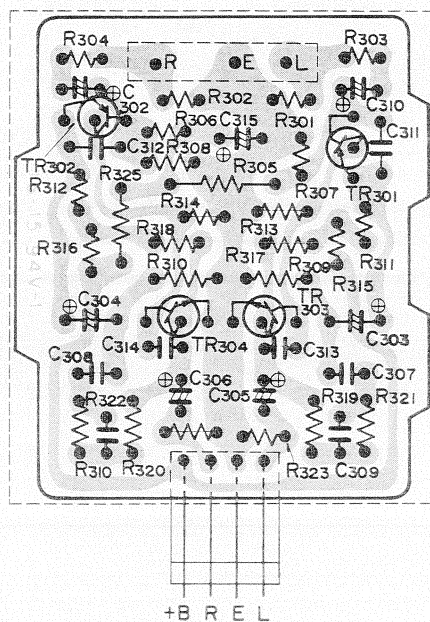


TR501	2SA872-F, E	PRE AMP	TR505	2SC1775-F, E	PRE DRIVE	TR509	2SB647-C, D	DRIVE	TR513	2SB566-C, D	BUFF AMP
TR502	2SA872-F, E	PRE AMP	TR506	2SC1775-F, E	PRE DRIVE	TR510	2SB647-C, D	DRIVE	TR514	2SB566-C, D	BUFF AMP
TR503	2SA872-F, E	PRE AMP	TR507	2SD667-C, D	DRIVE	TR511	2SD476-C, D	BUFF AMP	TR515	2SC1214-C, D	BIAS
TR504	2SA872-F, E	PRE AMP	TR508	2SD667-C, D	DRIVE	TR512	2SD476-C, D	BUFF AMP	TR516	2SC1214-C, D	BIAS

5-15 IF P.C.B. AND SCHEMATIC DIAGRAM



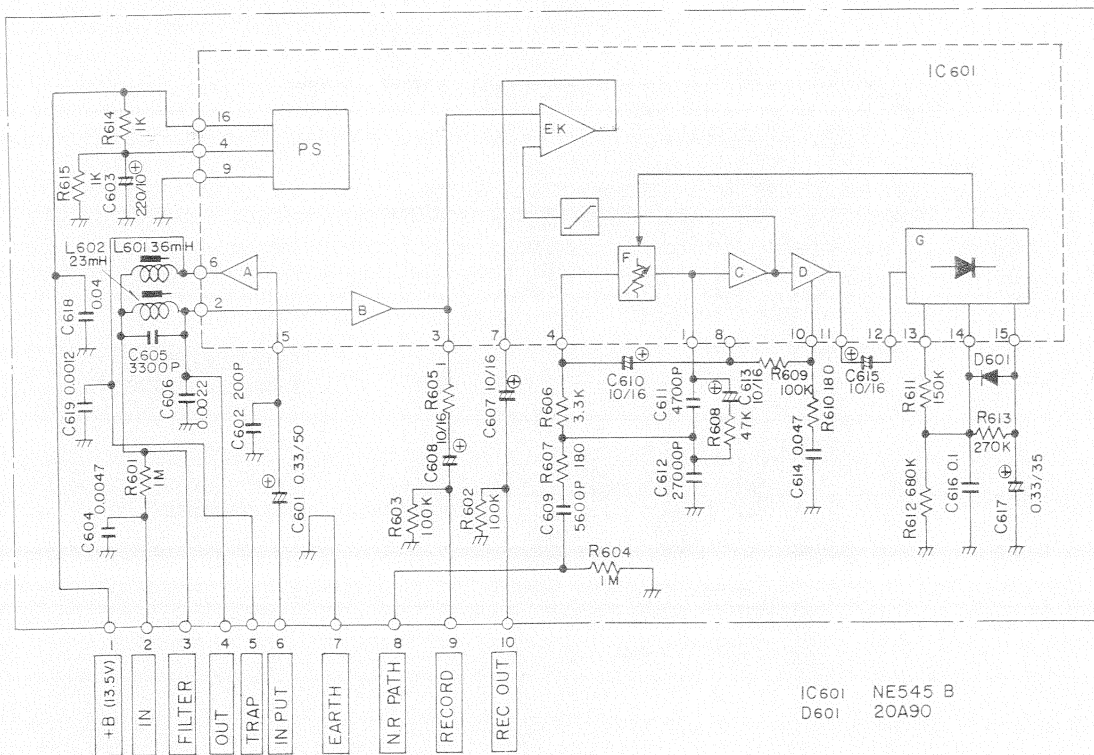
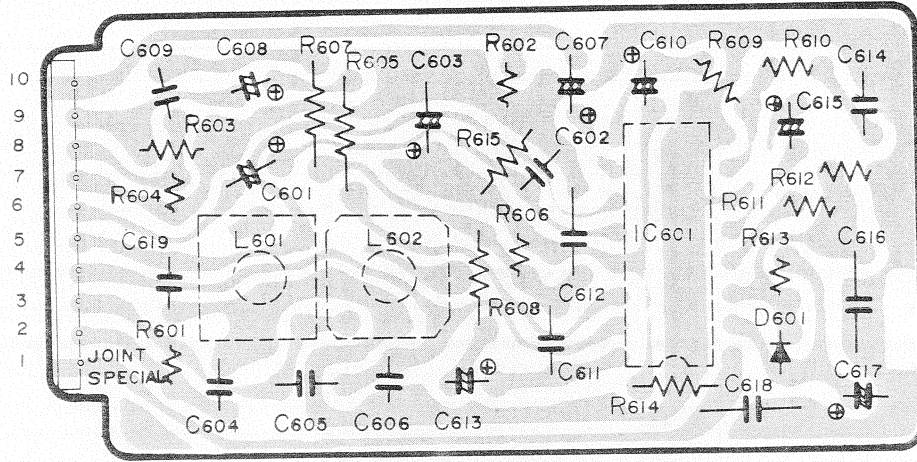
5-16 EQUALIZER P.C.B. AND SCHEMATIC DIAGRAM



TR301, 302 2SA721-T
TR303, 304 2SC1327-T

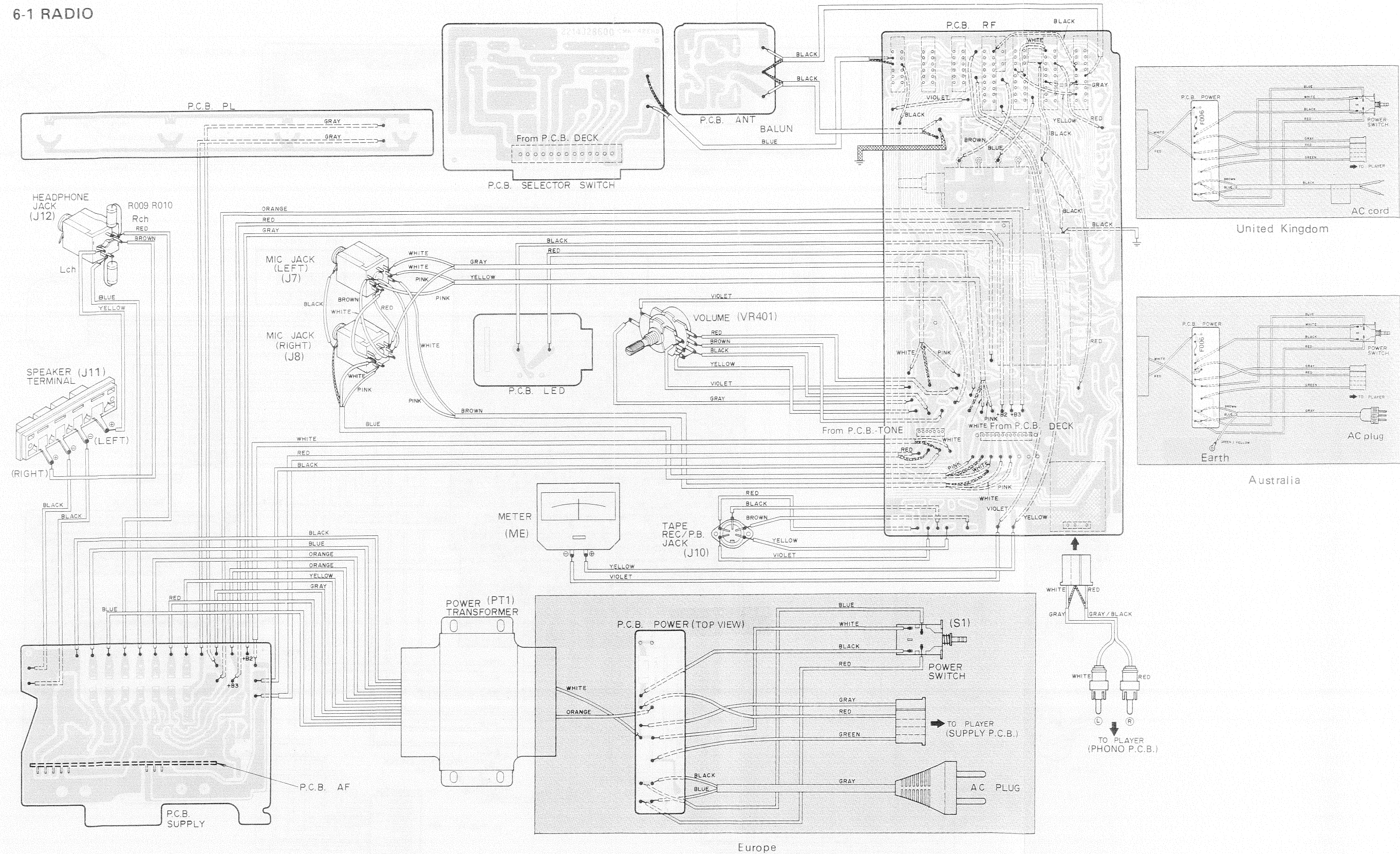
X = LOW NOISE

5-17 DOLBY P.C.B. AND SCHEMATIC DIAGRAM

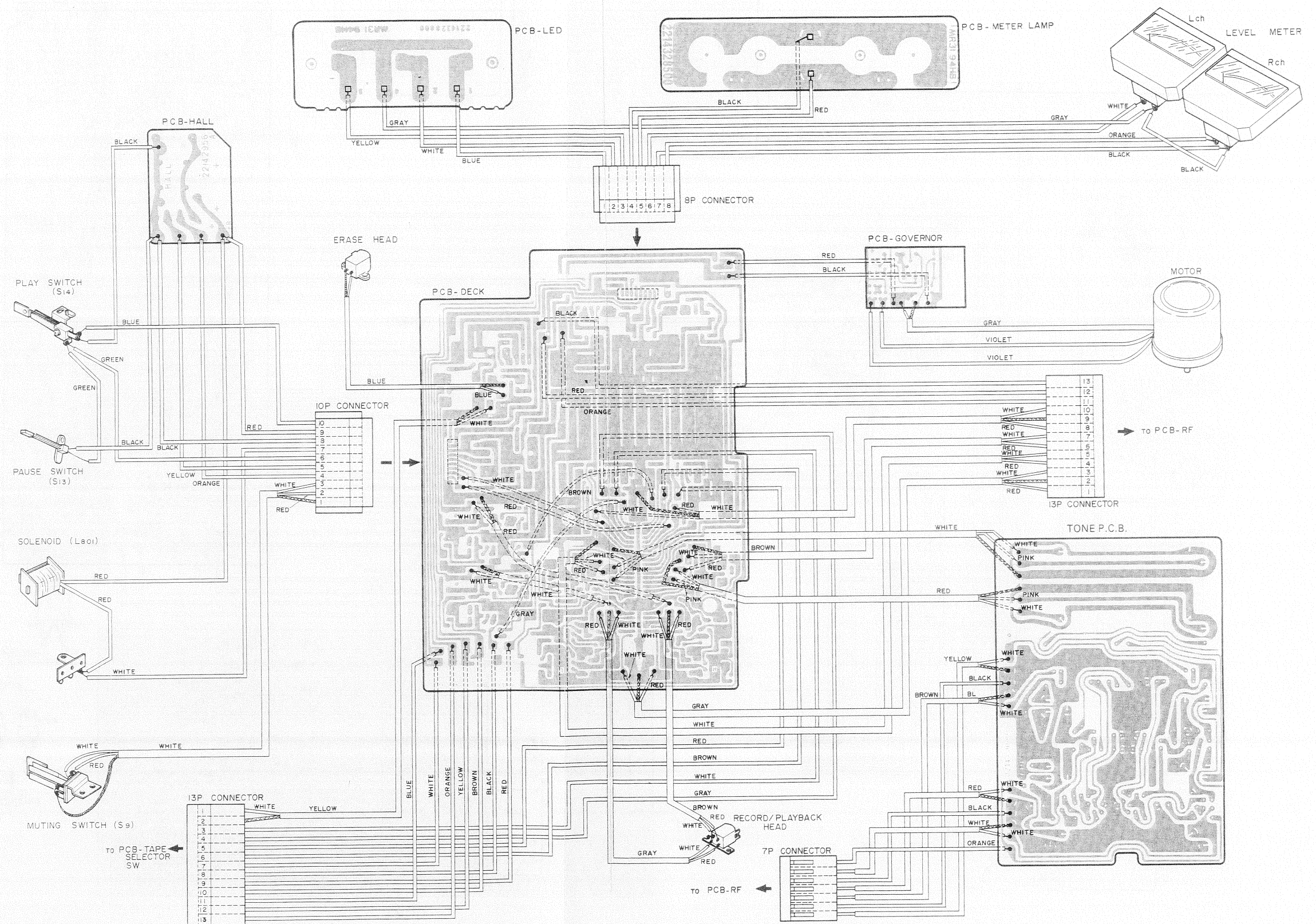


6. BOTTOM VIEW OF CHASSIS AND WIRING

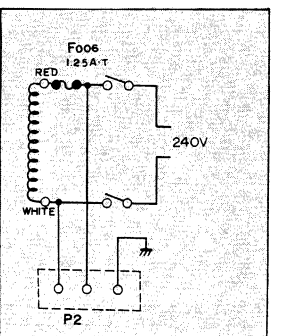
6-1 RADIO



6-2 TAPE DECK



7-1 RADIO



Europe



3	○	○
2	○	

D.S.C.

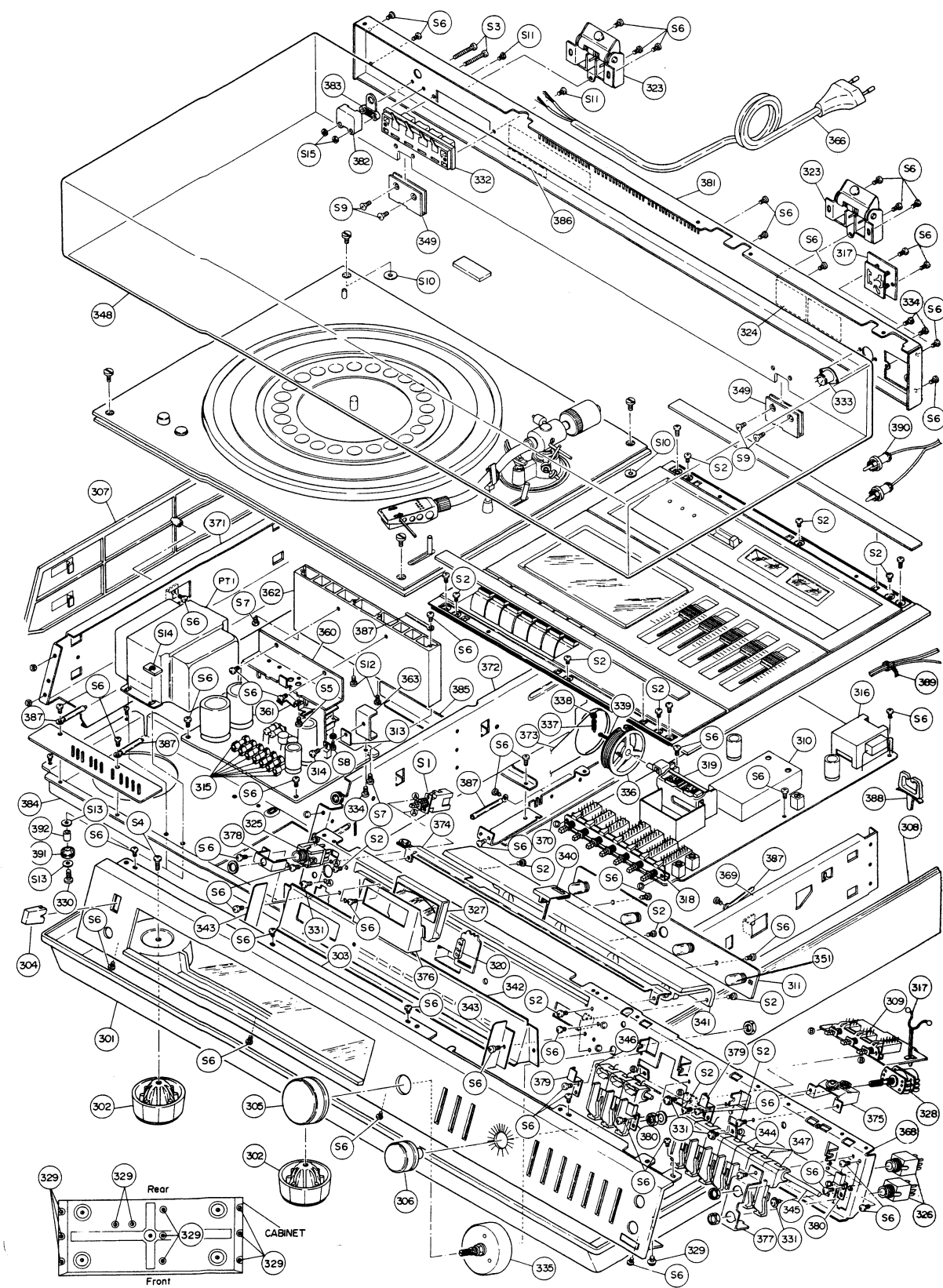
ECB

ECB

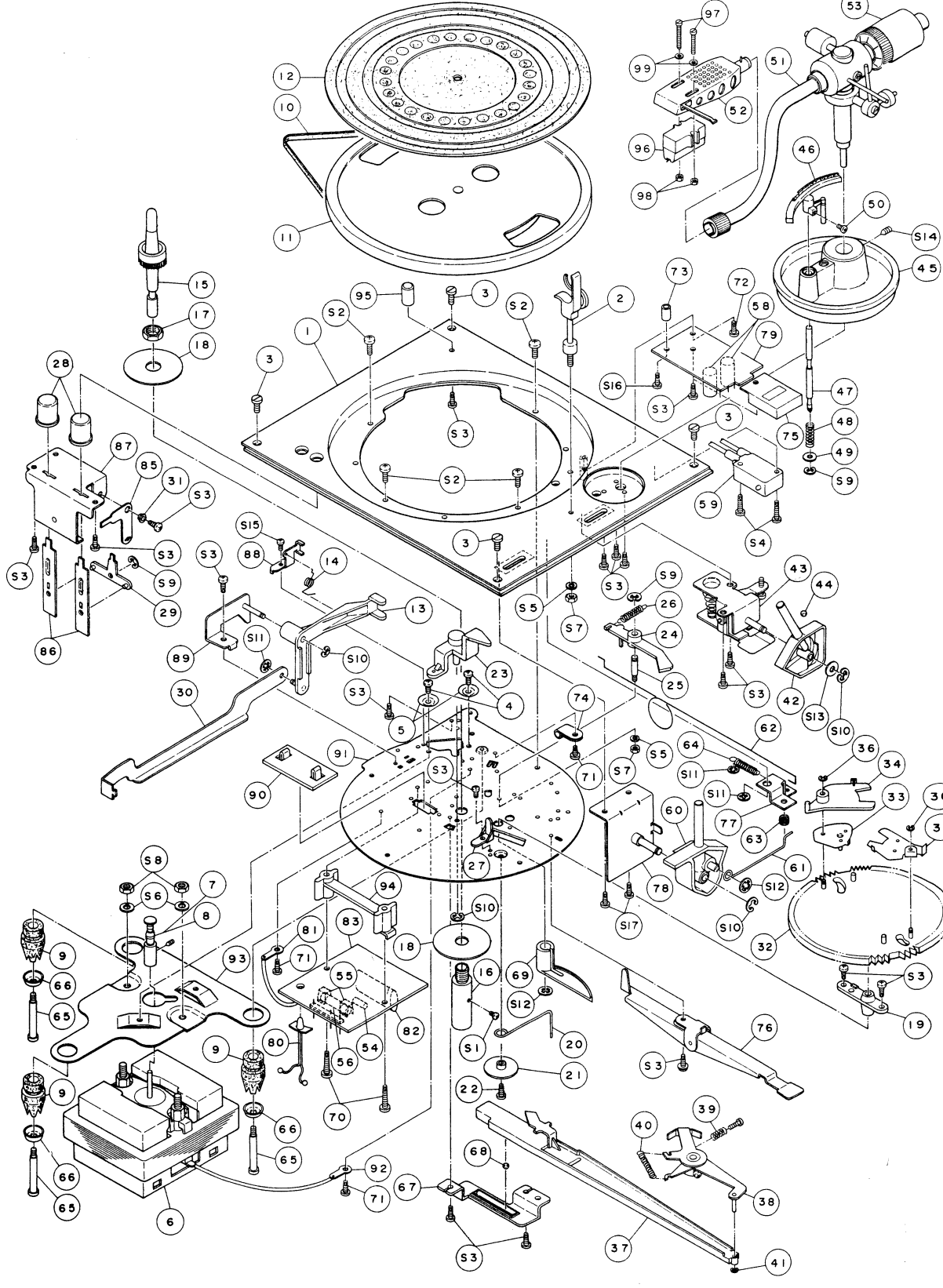
11

ECB TR401, 402
403, 404

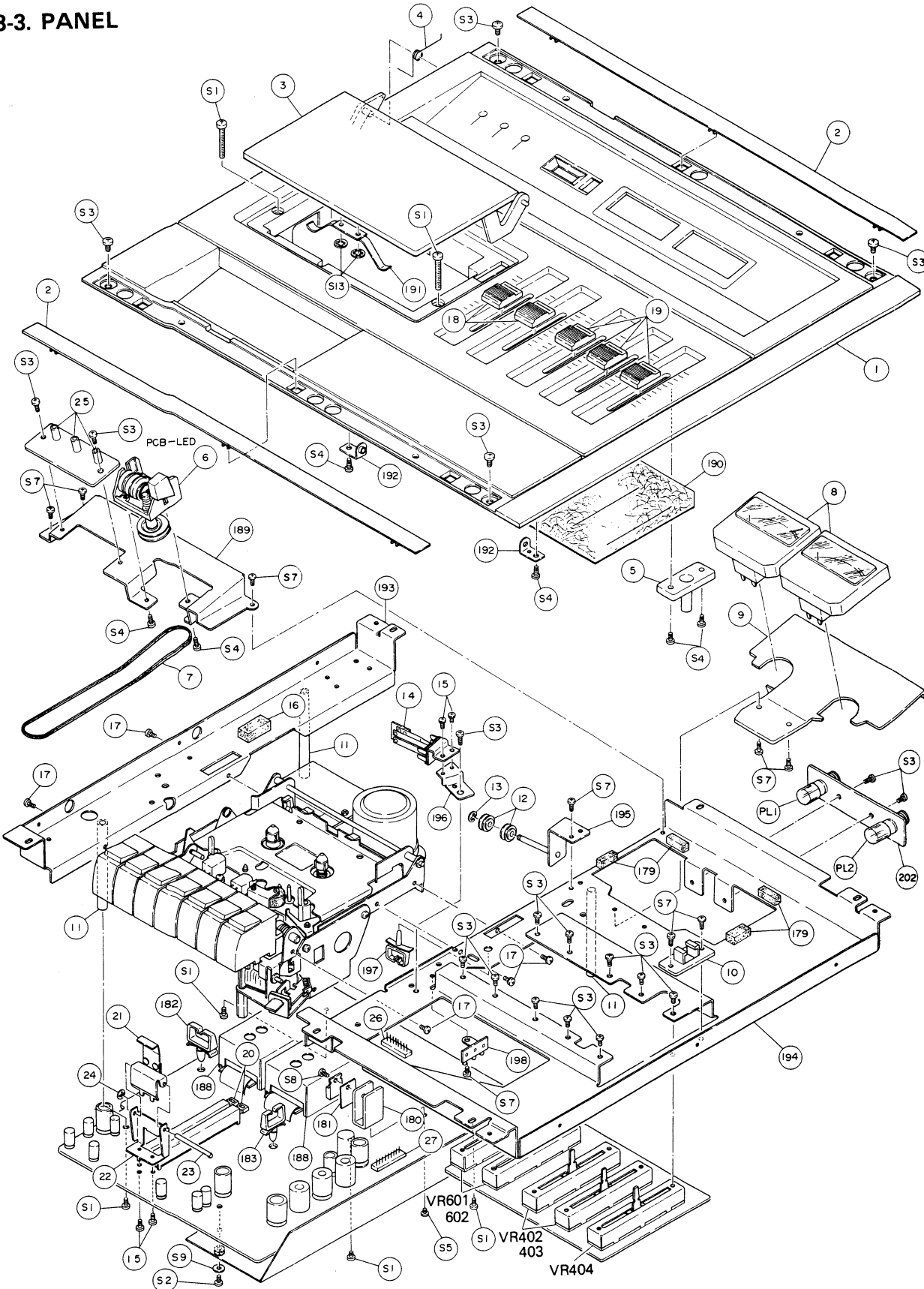
8-1 CABINET



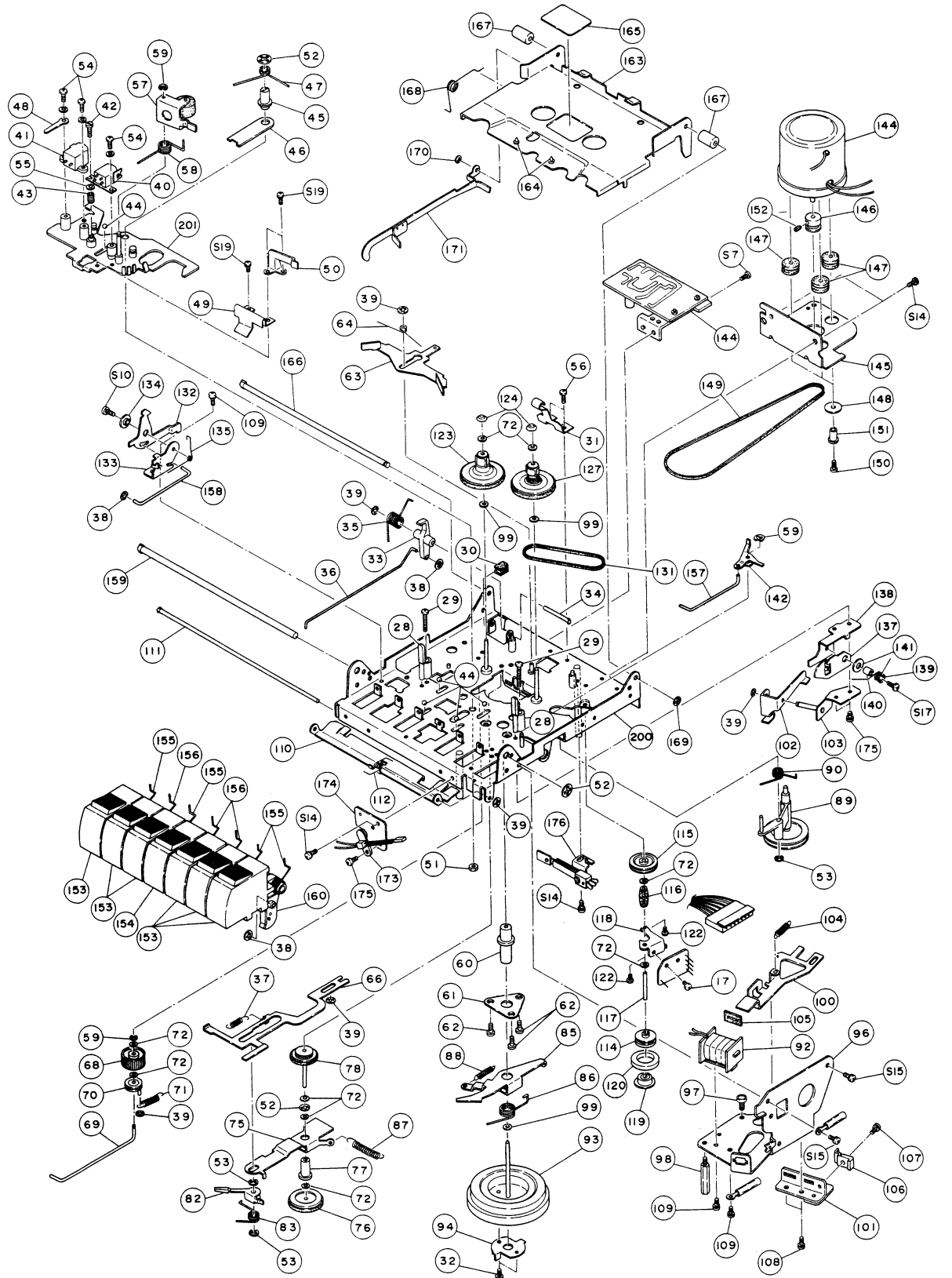
8-2 PLAYER



8-3. PANEL



8-4. MECHANISM



9.PARTS LIST

9-1 PANEL AND MECHANISM PARTS

SymbolNo.	Part No.	Description
1	25829642	Cassette Panel
2	25822741	Screw Cover
3	25822747	Cassette Cover
4	22771755	Torsion Spring
5	22870505	Hook
6	25873629	Counter
7	25755692	Belt (Counter)
8	22104429	Level Meter
9	26846868	Meter Holder
10	22870506	Hook
11	22752937	Stud
12	20042601	Pulley
13	74050025	Retaining Ring 2.5 ϕ
14	22145902	Leaf Switch (Muting)
15	20795942	Special Screw
16	22756822	Cushion
17	20795704	Pan Head Screw(3 $\times$ 5) (With Spring Washer)
18	22835713	Volume Knob
19	22835714	Volume Knob
20	22146496	Slide Switch (Recording)
21	25742855	REC Lever Assembly
22	22754919	REC Holder
23	25721773	Roller Shaft
24	74060020	Retaining Ring 2 ϕ
25	22754940	LED Holder
26	22167495	Terminal Pin 8P
27	22161448	Terminal Pin 10P
28	25732606	Cassette Guide
29	70402612	Pan Head Screw (2.6 $\times$ 12)
30	22756795	Cushion
31	22772541	Plate Spring
32	72602606	Tapping Pan Screw (2.6 $\times$ 6)
33	25742604	REC Lever Assembly
34	25724622	Pin
35	20707685	Torsion Spring
36	25727603	Joint B
37	22771657	Pull Spring
38	74060015	Retaining Ring 1.5 ϕ
39	74060020	Retaining Ring 2 ϕ
40	22217255	Record/Playback Head
41	22218166	Erase Head
42	20795681	Special Screw
43	20703650	Push Spring
44	25757602	Steel Ball (5/64)
45	25724624	Special Screw
46	22772579	Plate Spring
47	22775518	Torsion Spring
48	22184131	Lug Clamp
49	22772578	Plate Spring
50	25742608	Switch Lever
51	73653000	Nut 3 ϕ
52	74060050	Retaining Ring 5 ϕ
53	74050024	Retaining Ring 2.4 ϕ
54	20795948	Special Screw (2.0 $\times$ 6)
55	74001020	Washer 2 ϕ
56	72632606	Tapping Bind Screw (2.6 $\times$ 6)
57	25742878	Pinch Arm Assembly
58	20707710	Torsion Spring
59	74050015	Retaining Ring 1.5 ϕ
60	25725609	Flywheel Bearing
61	25734605	Bearing Holder
62	70442605	Flat Head Screw (2.6 $\times$ 5)

Symbol No.	Part No.	Description
63	25731698	Brake Plate
64	22771816	Torsion Spring
66	25742666	Push Lever
68	25752659	Rewind Idler
69	25727602	Joint D
70	25741602	Rewind Guide
71	20705683	Pull Spring
72	22752852	Special Washer (2.1 $\times$ 4 $\times$ 0.25t)
75	25742741	FF Arm
76	25752644	FR Idler
77	25725614	FF Bearing
78	25752645	FF Idler Assembly
82	25742739	Rewind Lever
83	22771713	Torsion Spring
85	25742740	FF Lever
86	22771712	Torsion Spring
87	22771726	Pull Spring
88	22771725	Pull Spring
89	25742663	Arm Takeup Assembly
90	20707652	Torsion Spring
92	22147151	Solenoid
93	25751667	Flywheel
94	25731660	Crow Plate
96	25846812	Flywheel Support
97	25764619	Flywheel Thrust
98	22752944	Stud
99	20791609	Washer (2.5 $\times$ 6 $\times$ 3N)
100	25734647	Trigger Plate Assembly
101	25732663	Lever Guide
102	25742670	Rejecting Lever
103	25846803	Holder
104	20705710	Pull Spring
105	22756735	Cushion
106	25846794	Lever Support
107	70402605	Pan Head Screw (2.6 $\times$ 5)
108	20795942	Pan Head Screw (2.6 $\times$ 4) (With Washer)
109	20795703	Pan Head Screw (2.6 $\times$ 5) (With Washer)
110	25742759	Lock Lever
111	25724623	Pin
112	20707643	Torsion Spring
114	25751701	Counter Pulley
115	25751607	Counter Pulley
116	25725604	Counter Bearing
117	25721652	Counter Shaft
118	25846811	PCB Stay
119	22756800	Magnet Bush
120	22754868	Ring Magnet
122	70432606	Bind Head Screw (2.6 $\times$ 6)
123	25751692	Reel Assembly
124	25764602	Cap
127	25754604	Reel Takeup Assembly
131	25755607	Belt
132	25742758	Lock Lever
133	25346802	Lock Support
134	25721711	Lock Shaft
135	22771754	Torsion Spring
137	25745602	Pause Clutch
138	22754831	Pause Bracket
139	20707651	Torsion Spring
140	20773618	Spacer
141	20791665	Washer (5.0 $\times$ 10 $\times$ 3V)
142	25742638	Pause Lever
144	22125444	DC Motor

9-2 CABINET PARTS

Symbol No.	Part No.	Description
145	22754679	Motor Bracket
146	25751630	Motor Pulley
147	20881608	Cushion
148	20791625	Special Washer (3.2 $\times$ 95 $\times$ 5MS)
149	25755621	Belt
150	70402610	Pan Head Screw (2.6 $\times$ 10)
151	75830508	Eyelet (3.0 $\times$ 8)
152	74752304	Set Screw (2.3 $\times$ 4)
153	25826691	Push Button
154	25826692	Push Button
155	22771703	Torsion Spring
156	22771704	Torsion Spring
157	25727060	Joint A
158	25727622	Joint C
159	25724629	Button Shaft
160	25846849	Pause Support
163	25731825	Cassette Plate
164	22743551	Cassette Guide
165	22866627	Label
166	25724612	Holder Shaft
167	22752988	Spacer
168	22771916	Torsion Spring
169	74050020	Retaining Ring 2 ϕ
170	74050025	Retaining Ring 2.5 ϕ
171	25742793	Protect Lever
173	22140333	Leaf Switch
174	25731830	Switch Plate
175	70402605	Pan Head Screw (2.6 $\times$ 5)
176	22140356	Leaf Switch
181	20881718	Mica Insulator
188	22130286	Dolby Block Assembly
S5	70432605	Bind Head Screw (2.6 $\times$ 5)
S8	20795946	Polycarbonate Screw (30 $\times$ 6)
S14	20795704	Special Screw
202	22130305	PCB Pilot Lamp Assembly

Symbol No.	Part No.	Description
301	20847869	Cabinet
302	20842638	Rubber Foot
303	20836648	Front Panel Assembly
304	20874638	Push Button
305	20871920	Tuning Knob
306	20871919	Volume Knob
307	20836643	Side Panel (Left) (For Europe)
307	20836645	Side Panel (Left) (For United Kingdom & Australia)
308	20836642	Side Panel (Right) (For Europe)
308	20836644	Side Panel (Right) (For United Kingdom & Australia)
309	22140473	Push Switch (Equalizer, Bias, Dolby ON/OFF)
310	22133306	IF Block
311	22130307	PCB Pilot Lamp Assembly
313	22748695	Insulator
314	20795946	Polycarbonate Screw (30X6)
315	22165047	Fuse Holder
316	22136443	EQ Block
317	22162051	4P Terminal
318	22140477	Push Switch (Selector)
319	22307604	Variable Capacitor
320	22754882	Diode Holder
321	22866912	Main Label (For Europe)
321	22866914	Main Label (For United Kingdom & Australia)
322	22866913	Terminal Label
323	20861701	Hinge
324	22956847	Attention Label
325	22163276	Jack 6.5 ϕ
326	22163601	Jack 6.5 ϕ
327	22104430	Tuning Meter
328	22651213	Variable Fixed Resistor 100 k ohm
329	20795962	Special Screw (With Washer)
330	70434016	Bind Head Screw 40 $\times$ 16
331	20795744	Special Screw (With Spring Washer)
332	22161517	4P Terminal
333	22167485	Din Socket 5P
334	70432606	Bind Head Screw (2.6 $\times$ 6)
335	22743570	Tuning Shaft
336	20042702	Drum
337	22771807	Pull Spring
338	75820352	Eyelet (2.0 $\times$ 2)
339	74301010	Split Pin
340	20042703	Pointer
341	20857603	Pilot Lamp Lens (Light)
342	22847847	Dial Plate
343	22844563	Dial Decoration
344	20874637	Push Button
345	25721791	Button Shaft
346	25721836	Button Shaft
347	20707749	Torsion Spring
348	20847870	Dust Cover
349	20753788	Hinge (Dust Cover)
351	22113401	Pilot Lamp 0.1A6V
366	22176286	Power Cord (For Europe)
	22177072	Power Cord (For United Kingdom)
	22176489	Power Cord (For Australia)
	22866759	Label (For United Kingdom)

9-3 PLAYER PARTS

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
1	20713822	Panel	63	20881666	Joint Bushing
2	20738655	Arm Clamp Assembly	64	20705692	Pull Spring
3	20795978	Special Screw	65	20764686	Shaft
4	20795951	Special Screw	66	20746631	Cushion Holder
5	20956643	Clamp Label	67	22754857	Ball Holder
6	22125484	Motor	68	74090397	Steel Ball (5/32)
7	20716753	Motor Pulley (50 Hz)	69	20757701	Return Cam
8	20716754	Motor Pulley (60 Hz)	70	20795917	Special Screw
9	22756828	Rubber Cushion	71	20795916	Special Screw (with Washer)
10	20728611	Belt	72	20794779	Special Screw (with Washer)
11	20723683	Turntable	73	22752815	Spacer
12	20733675	Table Sheet	96	22155317	Cartridge (w/o Stylus) C-52M
13	22743554	Belt Guide	97	20795969	Mounting Screw
14	22771800	Torsion Spring	98	20796027	Mounting Nut
15	20725689	Table Shaft Assembly	99	20791077	Mounting Washer
16	20725660	Table Bearing			
17	20796631	Special Nut			
18	20791937	Washer (91 × 34 × 8)			
19	20773767	Gear Bearing			
20	20764682	Return Rod			
21	22752858	Special Washer			
22	72632610	Bind Head Tapping Screw (2.6 × 10)			
23	20751753	Rejecting Lever Assembly			
24	20746737	Gear Stopper			
25	20763824	Stopper Shaft			
26	20705601	Pull Spring			
27	20746861	Chassis Stay			
28	20874636	Push Button			
29	20754637	Seesaw Lever			
30	20754638	Connect Plate			
31	20773867	Spacer			
32	20727638	Main Gear			
33	20751704	Auto Trip			
34	20751729	Auto Clutch Assembly			
35	20753782	Hand Clutch			
36	74050016	Retaining Ring 1.6 φ			
37	20753931	Auto Lever			
38	20751772	Pickup Plate			
39	20703754	Push Spring			
40	20705692	Pull Spring			
41	74050020	Retaining Ring 2 φ			
42	20757730	Lift Cam Assembly			
43	20754644	Lift Lever Assembly			
44	20773706	Steel Ball (1/8)			
45	20735651	Pick up Arm Stand			
46	20761658	Lifter Bar Assembly			
47	20764669	Lifting Shaft			
48	22771961	Push Spring			
49	22752838	Special Washer (41 × 100 × 5)			
50	72632605	Tapping Bind Screw (2.6 × 5)			
51	20731848	Pickup Arm (without Head Shell)			
52	20736025	Head Shell (without Cartridge)			
53	20731771	Main Weight			
54	22547479	Carbon Film Resistor 1/2W, 4.7 ohm, J			
55	22165047	Fuse Holder			
56	22144207	Fuse 0.25A			
58	22163593	US Pin Jack			
59	22140351	Micro Switch			
60	20757731	Rejecting Cam			
61	20764701	Connect Pole			
62	20764732	Reject Pole			

9-4 ELECTRICAL PARTS

RADIO PARTS

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
TRANSISTORS & DIODES			COILS & TRANSFORMERS		
TR001	22114022	Transistor, 2SD325-D or	D014	22115415	Diode, 1K426A
TR002	22114478	Transistor, 2SD325-E	D015	22115183	Diode, SRIK-2
TR003		Transistor, 2SC733-BL	D201	22115367	Diode, S8169
TR101	22114609	Transistor, 2SK83-R	D202		Diode, RD12E-K
TR102		Transistor, 2SC785-O	D201		Diode, 1S1555V
TR103		Transistor, 2SC785-R	D202		Diode, 1S1555V
TR104		Transistor, 2SC380-O	D203		Diode, 1S1555V
TR201		Transistor, 2SC733-BL	D204	22115201	Diode, 1S1555V
TR202		Transistor, 2SC733-BL	D205	22115201	Diode, 20A90
TR301(PRE)		Transistor, 2SC1682-GR	D206	22115201	Diode, 20A90
TR302(PRE)		Transistor, 2SC1682-GR	D207	22115417	Diode, RD6.2E-C
TR301(EQ)	22114456	Transistor, 2SA721-T			
TR302(EQ)	22114456	Transistor, 2SA721-T			
TR303(EQ)	22114327	Transistor, 2SC1327-T			
TR304(EQ)	22114327	Transistor, 2SC1327-T			
TR501	22114606	Transistor, 2SA872-F or	L101	22290004	Balun Coil
	22114607	Transistor, 2SA872-E	L102	22292013	Antenna Coil (FM)
TR502	22114606	Transistor, 2SA872-F or	L103	22294341	RF Coil (FM)
	22114607	Transistor, 2SA872-E	L104	22294313	RF Coil (FM)
TR503	22114606	Transistor, 2SA872-F or	L105	22291089	Choke Coil (FM)
	22114607	Transistor, 2SA872-E	L106	22294092	RF Coil (FM)
TR504	22114606	Transistor, 2SA872-F or	L107	22282158	Antenna Coil (SW)
	22114607	Transistor, 2SA872-E	L108	22242660	Antenna Coil (MW)
TR505	22114604	Transistor, 2SC1775-F or	L109	22202023	Antenna Coil (LW)
	22114605	Transistor, 2SC1775-E	L110	22285247	OSC Coil (SW)
TR506	22114604	Transistor, 2SC1775-F or	L111	22245312	OSC Coil (MW)
	22114605	Transistor, 2SC1775-E	L112	22205044	OSC Coil (LW)
TR507	22114601	Transistor, 2SD667-C or	L201	22211233	Choke Coil (AF)
	22114602	Transistor, 2SD667-D	LCR201	22134109	LCR Combination
TR508	22114601	Transistor, 2SD667-C or	LCR202	22134109	LCR Combination
	22114602	Transistor, 2SD667-D	SVR201	22658442	Semi-Fixed Resistor 2 k ohm
TR509	22114599	Transistor, 2SB647-C or	SVR201	22658444	Semi-Fixed Resistor 4.7 k ohm
	22114600	Transistor, 2SB647-D	SVR202	22658443	Semi-Fixed Resistor 500 ohm
TR510	22114599	Transistor, 2SB647-C or	SVR501	22658300	Semi-Fixed Resistor 500 ohm
	22114600	Transistor, 2SB647-D	SVR502	22658300	Semi-Fixed Resistor 500 ohm
TR511	22114597	Transistor, 2SD476-D or	PL001	22113401	Pilot Lamp, 0.1A6V
	22114598	Transistor, 2SD476-C	PL002	22113401	Pilot Lamp, 0.1A6V
TR512	22114597	Transistor, 2SD476-D or	PL003	22113401	Pilot Lamp, 0.1A6V
	22114598	Transistor, 2SD476-C	PL004	22113401	Pilot Lamp, 0.1A6V
TR513	22114595	Transistor, 2SB566-D or	F001	22144264	Fuse, 5A
	22114596	Transistor, 2SB566-C	F002	22144264	Fuse, 5A
TR514	22114595	Transistor, 2SB566-D or	F003	22144171	Fuse, 0.5A
	22114596	Transistor, 2SB566-C	F004	22144170	Fuse, 1A
TR515	22114603	Transistor, 2SC1344-01	F005	22144170	Fuse, 1A
TR516	22114603	Transistor, 2SC1344-01	F006	22144213	Fuse, 1.25A (For United Kingdom)
D001	22115416	Diode, S2V10	IT101	22266339	IF Transformer, FM
D002	22115416	Diode, S2V10	IT201	22267284	IF Transformer, FM
D003	22115416	Diode, S2V10	IT202	22264579	IF Transformer, AM
D004	22115416	Diode, S2V10	IT203	22266340	IF Transformer, AM
D001	22115414	Diode, GP20B			
D002	22115414	Diode, GP20B			
D003	22115414	Diode, GP20B			
D004	22115414	Diode, GP20B			
D005	22115183	Diode, SRIK-2			
D006	22115183	Diode, SRIK-2			
D006	22115251	Diode, WO2			
D007	22115251	Diode, WO2			
D008	22115280	Diode, RD24E-K			
D009	22115415	Diode, 1K426A			
D010	22115415	Diode, 1K426A			
D011	22115415	Diode, 1K426A			
D012	22115415	Diode, 1K426A			
D013	22115415	Diode, 1K426A			

CASSETTE PARTS

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
TC3	22309104	Trimmer Capacitor	TR401		Transistor, 2SA842-BL
TC4	22309104	Trimmer Capacitor	TR402		Transistor, 2SA842-BL
TC5	22309104	Trimmer Capacitor	TR403		Transistor, 2SC1682-BL
TC6	22309104	Trimmer Capacitor	TR404		Transistor, 2SC1682-BL
TC7	22309104	Trimmer Capacitor	TR601	22114456	Transistor, 2SA721-T
TC8	22309104	Trimmer Capacitor	TR602	22114456	Transistor, 2SA721-T
CF201	22153020	Ceramic Filter	TR603	22114327	Transistor, 2SC1327-T
CF202	22153020	Ceramic Filter	TR604	22114327	Transistor, 2SC1327-T
IC201	22114608	IC-HA11123	TR605	22114327	Transistor, 2SC1327-T
IC202	22114416	IC-LA3350-MPX	TR606	22114327	Transistor, 2SC1327-T
PT1	22223428	Power Transformer (For Europe)	TR607	22114267	Transistor, 2SC828A-R or
	22223443	Power Transformer (For United Kingdom & Australia)		22114330	Transistor, 2SC828-R or
S1	22140323	Push Switch (For Europe & Australia)	TR608	22114267	Transistor, 2SC828A-R or
	22140443	Push Switch (For United Kingdom)		22114330	Transistor, 2SC828-R or
			TR609	22114267	Transistor, 2SC733-GR
				22114330	Transistor, 2SC828A-R or
			TR610	22114267	Transistor, 2SC828-R or
				22114330	Transistor, 2SC733-GR
			TR611	22114267	Transistor, 2SC828A-R or
				22114330	Transistor, 2SC828-R or
			TR612	22114267	Transistor, 2SC733-GR
				22114330	Transistor, 2SC828A-R or
			TR613	22114267	Transistor, 2SC828-R or
				22114330	Transistor, 2SC733-GR
			TR614	22114267	Transistor, 2SC828A-R or
				22114330	Transistor, 2SC828-R or
			TR701		Transistor, 2SC733-GR
					Transistor, 2SC1173-O
			D601	22115201	Diode, 20A90 (DOLBY BLOCK)
			D601	22115201	Diode, 20A90
			D602	22115201	Diode, 20A90
			D603	22115201	Diode, 20A90
			D604	22115201	Diode, 20A90
			D605		Diode, 1S1555V
			D606		Diode, 1S1555V
			D607		Diode, S8169
			D608		Diode, S8169
			D609		Diode, S8169
			D801	22115319	Diode, WZ050
			D802		Diode, 1S1555V
			D803		Diode, 1S1555V
			D804		Diode, 1S1555V
			D805		Diode, 1S1555V
			D806	22692015	Varistor, MV-11
			D807		Diode, 1S1885
			D808	22115223	Diode, SFIR3B41

TOLERANCE: D: $\pm 0.5\text{PF}$, J: $\pm 5\%$, K: $\pm 10\%$, M: $\pm 20\%$,
P: $+100 - 0\%$, Z: $+80 - 20\%$, G: $\pm 2\%$
RESISTORS All fixed resistors are $\frac{1}{4}\text{W}$, $\pm 5\%$, carbon
resistor unless otherwise noted.

CAPACITORS

Symbol No.	Part No.	Description
L601	22211212	Choke Coil, AF (Dolby Block)
L601	22211165	AF Choke Coil
L602	22211165	AF Choke Coil
L602	22211213	Choke Coil, AF (Dolby Block)
L603	22211192	Choke Coil, AF
L604	22211192	Choke Coil, AF
L701	22215083	AF OSC Coil
L901	22211153	Choke Coil
PL1	22113129	Pilot Lamp 0.1A9V
PL2	22113129	Pilot Lamp 0.1A9V
IC601	22114299	IC, NE545B (Dolby Block)
IC801	22114457	IC, DN835
VR601, 602	22657193	Variable Resistor 50 k ohm A (Recording)
VR402, 403	22657188	100 k ohm C (Tone)
VR404	22657195	Variable Resistor 200 k ohm W (Balance)
SVR601	22658212	Semi-Fixed Resistor 10 k ohm
SVR602	22658212	Semi-Fixed Resistor 10 k ohm
SVR603	22658214	Semi-Fixed Resistor 50 k ohm
SVR604	22658214	Semi-Fixed Resistor 50 k ohm
SVR605	22658214	Semi-Fixed Resistor 50 k ohm
SVR606	22658214	Semi-Fixed Resistor 50 k ohm
SVR607	22658212	Semi-Fixed Resistor 10 k ohm
SVR608	22658212	Semi-Fixed Resistor 10 k ohm
SVR701	22658215	Semi-Fixed Resistor 100 k ohm
SVR702	22658215	Semi-Fixed Resistor 100 k ohm

Symbol No.	Part No.	Description
RADIO BLOCK		
C001	22342223	Ceramic 0.022 mfd, Z
C002	22344223	Ceramic 0.022 mfd, Z
C003	22342223	Ceramic 0.022 mfd, Z
C004	22342223	Ceramic 0.022 mfd, Z
C005	22440194	Electrolytic 6800 mfd/27WV
C006	22440194	Electrolytic 6800 mfd/27WV
C007	22342223	Ceramic 0.022 mfd, Z
C008	22342223	Ceramic 0.022 mfd, Z
C009	22342223	Ceramic 0.022 mfd, Z
C010	22447102	Electrolytic 1000 mfd/35WV
C011	22447221	Electrolytic 220 mfd/35WV
C012	22342223	Ceramic 0.022 mfd, Z
C015	22342223	Ceramic 0.022 mfd, Z
C016	22443102	Electrolytic 2200 mfd/10WV
C017	22342223	Ceramic 0.022 mfd, Z
C018	22342223	Ceramic 0.022 mfd, Z
C019	22342473	Ceramic 0.047 mfd, Z
C020	22342473	Ceramic 0.047 mfd, Z
C101	22361200	Ceramic 20 PF, J
C102	22343472	Ceramic 0.0047 mfd, M
C103	22361709	Ceramic 7 PF, D
C104	22362201	Ceramic 200 PF, K
C105	22342223	Ceramic 0.022 mfd, Z
C106	22360297	Ceramic 22 PF, J
C107	22361309	Ceramic 3 PF, D
C108	22362101	Ceramic 100 PF, K
C109	22342223	Ceramic 0.022 mfd, Z
C110	22342473	Ceramic 0.047 mfd, Z
C111	22342223	Ceramic 0.022 mfd, Z
C112	22360297	Ceramic 22 PF, J
C113	22361509	Ceramic 5 PF, D
C114	22361300	Ceramic 30 PF, D
C115	22361100	Ceramic 10 PF, D
C116	22361609	Ceramic 6 PF, D
C117	22342223	Ceramic 0.022 mfd, Z
C118	22361100	Ceramic 10 PF, D
C119	22361100	Ceramic 10 PF, J
C120	22342373	Ceramic 0.047 mfd, Z
C121	22342223	Ceramic 0.022 mfd, Z
C122	22371222	Mylar 0.0022 mfd, M
C123	22372103	Mylar 0.01 mfd, Z
C124	22372223	Mylar 0.022 mfd, Z
C125	22391242	Polypolypropylene 2400 PF, J
C126	22391331	Polypolypropylene 330 PF, J
C127	22391131	Polypolypropylene 130 PF, J
C128	22360334	Ceramic 6 PF, D
C129	22360334	Ceramic 6 PF, D
C130	22360305	Ceramic 33 PF, J
C131	22362400	Ceramic 40 PF, J
C132	22362400	Ceramic 40 PF, J
C201	22361301	Ceramic 300 PF, K
C202	22360320	Ceramic 50 PF, J
C203	22361301	Ceramic 300 PF, K
C204	22371152	Mylar 0.0015 mfd, J
C205	22371272	Mylar 0.0027 mfd, J
C206	22371272	Mylar 0.0027 mfd, J
C207	22445470	Electrolytic 47 mfd/16WV
C208	22342223	Ceramic 0.022 mfd, Z
C209	22446479	Electrolytic 4.7 mfd/25WV
C210	22342473	Ceramic 0.047 mfd, K
C211	22372223	Mylar 0.022 mfd, K
C212	22445100	Electrolytic 10 mfd/16WV
C213	22372332	Ceramic 0.0033 mfd, K
C214	22342473	Ceramic 0.047 mfd, Z

Symbol No.	Part No.	Description	Symbol No.	Part No.	Description
C215	22445221	Electrolytic 220 mfd/16WV	C607	22362301	Ceramic 300 PF, K
C216	22445470	Electrolytic 47 mfd/16WV	C608	22362301	Ceramic 300 PF, K
C301	22446221	Electrolytic 220 mfd/25WV	C609	22440165	Electrolytic 22 mfd/16WV
C302	22446221	Electrolytic 220 mfd/25WV	C610	22440165	Electrolytic 22 mfd/16WV
C303	22440140	Electrolytic 0.22 mfd/50WV	C611	22362101	Ceramic 100 PF, K
C304	22440140	Electrolytic 0.22 mfd/50WV	C612	22362101	Ceramic 100 PF, K
C305	22361200	Ceramic 20 PF, J	C613	22361509	Ceramic 5 PF, D
C306	22361200	Ceramic 20 PF, J	C614	22361509	Ceramic 5 PF, D
C307	22440116	Electrolytic 0.47 mfd/50WV	C615	22445220	Electrolytic 22 mfd/16WV
C308	22440116	Electrolytic 0.47 mfd/50WV	C616	22445220	Electrolytic 22 mfd/16WV
C309	22361200	Ceramic 20 PF, D	C617	22446479	Electrolytic 4.7 mfd/25WV
C310	22361200	Ceramic 20 PF, D	C618	22446479	Electrolytic 4.7 mfd/25WV
C311	22446221	220 mfd/25WV	C619	22446479	Electrolytic 4.7 mfd/25WV
C401	22440140	Electrolytic 0.22 mfd/50WV	C620	22446479	Electrolytic 4.7 mfd/25WV
C402	22440140	Electrolytic 0.22 mfd/50WV	C621	22371103	Mylar 0.01 mfd, J
C403	22440107	Electrolytic 10 mfd/25WV	C622	22371103	Mylar 0.01 mfd, J
C404	22440107	Electrolytic 10 mfd/25WV	C623	22371183	Mylar 0.018 mfd, J
C405	22372437	Mylar 0.047 mfd, K	C624	22371183	Mylar 0.018 mfd, J
C406	22372437	Mylar 0.047 mfd, K	C625	22446101	Electrolytic 100 mfd/25WV
C407	22361200	Ceramic 20 PF, J	C626	22446101	Electrolytic 100 mfd/25WV
C408	22361200	Ceramic 20 PF, J	C627	22391181	Polypropylene 180 PF, J
C409	22445470	Electrolytic 47 mfd/16WV	C628	22391181	Polypropylene 180 PF, J
C410	22445470	Electrolytic 47 mfd/16WV	C629	22446479	Electrolytic 4.7 mfd/25WV
C411	22446101	Electrolytic 100 mfd/25WV	C630	22446479	Electrolytic 4.7 mfd/25WV
C412	22446101	Electrolytic 100 mfd/25WV	C631	22401035	Tantalum 0.33 mfd/35WV
C413	22440142	Electrolytic 4.7 mfd/25WV	C632	22401035	Tantalum 0.33 mfd/35WV
C414	22440142	Electrolytic 4.7 mfd/25WV	C633	22401033	Tantalum 1 mfd/35WV
C415	22371153	Mylar 0.015 mfd, J	C634	22401033	Tantalum 1 mfd/35WV
C416	22371153	Mylar 0.015 mfd, J	C635	22445470	Electrolytic 47 mfd/16WV
C417	22371104	Mylar 0.1 mfd, J	C636	22445470	Electrolytic 47 mfd/16WV
C418	22371104	Mylar 0.1 mfd, J	C637	22372122	Mylar 0.0012 mfd, K
C419	22371392	Mylar 0.0039 mfd, J	C638	22372122	Mylar 0.0012 mfd, K
C420	22371392	Mylar 0.0039 mfd, J	C639	22371393	Mylar 0.039 mfd, J
C421	22371333	Mylar 0.033 mfd, J	C640	22371393	Mylar 0.039 mfd, J
C422	22371333	Mylar 0.033 mfd, J	C641	22371333	Mylar 0.033 mfd, J
C501	22403069	Electrolytic 0.47 mfd/50WV	C642	22371333	Mylar 0.033 mfd, J
C502	22403069	Electrolytic 0.47 mfd/50WV	C643	22371183	Mylar 0.018 mfd, J
C503	22362301	Ceramic 300 PF, K	C644	22371183	Mylar 0.018 mfd, J
C504	22362301	Ceramic 300 PF, K	C645	22446479	Electrolytic 4.7 mfd/25WV
C505	22440195	Electrolytic 47 mfd/16WV	C646	22446479	Electrolytic 4.7 mfd/25WV
C506	22440195	Electrolytic 47 mfd/16WV	C647	22448109	Electrolytic 1 mfd/50WV
C507	22446470	Electrolytic 47 mfd/25WV	C648	22448109	Electrolytic 1 mfd/50WV
C508	22446470	Electrolytic 47 mfd/25WV	C649	22448109	Electrolytic 1 mfd/50WV
C509	22443101	Electrolytic 100 mfd/10WV	C650	22448109	Electrolytic 1 mfd/50WV
C510	22443101	Electrolytic 100 mfd/10WV	C651	22446101	Electrolytic 100 mfd/25WV
C511	22361400	Ceramic 40 PF, K	C652	22447221	Electrolytic 220 mfd/35WV
C512	22361400	Ceramic 40 PF, K	C653	22342473	Ceramic 0.047 mfd, Z
C513	22342473	Ceramic 0.047 mfd, Z	C654	22342473	Ceramic 0.047 mfd, Z
C514	22342473	Ceramic 0.047 mfd, Z	C655	22342473	Ceramic 0.047 mfd, Z
C515	22445470	Electrolytic 47 mfd/16WV	C701	22372222	Mylar 0.0022 mfd, K
C516	22445470	Electrolytic 47 mfd/16WV	C702	22372333	Mylar 0.033 mfd, K
C517	22446101	Electrolytic 100 mfd/25WV	C703	22372104	Mylar 0.1 mfd, K
C518	22446101	Electrolytic 100 mfd/25WV	C704	22321093	Polypropylene 15000 PF, J
C519	22342473	Ceramic 0.047 mfd, Z	C705	22321114	Polypropylene 1500 PF, J
C520	22342473	Ceramic 0.047 mfd, Z	C706	22362301	Ceramic 300 PF, K
CASSETTE BLOCK			C707	22362301	Ceramic 300 PF, K
C601	22391681	Polypropylene 680 PF, J	C801	22443221	Electrolytic 220 mfd/10WV
C602	22391681	Polypropylene 680 PF, J	C802	22443221	Electrolytic 220 mfd/10WV
C603	22401036	Tantalum 4.7 mfd/10WV	C803	22443221	Electrolytic 220 mfd/10WV
C604	22401036	Tantalum 4.7 mfd/10WV	C804	22443101	Electrolytic 100 mfd/10WV
C605	22445220	Electrolytic 22 mfd/16WV	C805	22342103	Ceramic 0.01 mfd, Z
C606	22445220	Electrolytic 22 mfd/16WV	C806	22445470	Electrolytic 47 mfd/16WV

RESISTORS

Symbol No.	Part No.	Description
RADIO BLOCK		
R001	22500162	Fusible 10 k ohm, 1W, J
R002	22570156	Metal Oxide 1 k ohm, 1W, J
R003	22570182	Metal Oxide 10 k ohm, 2W, J
R004	22570182	Metal Oxide 10 k ohm, 2W, J
R101	22545101	100 ohm
R102	22545474	470 k ohm
R103	22545101	100 ohm
R104	22545101	100 ohm
R105	22545472	4.7 k ohm
R106	22545223	22 k ohm
R107	22545102	1 k ohm
R108	22545102	1 k ohm
R110	22545103	10 k ohm
R111	22545332	3.3 k ohm
R112	22545103	10 k ohm
R113	22545331	330 ohm
R114	22545821	820 ohm
R115	22545272	2.7 k ohm
R116	22545223	22 k ohm
R117	22545682	6.8 k ohm
R118	22545152	1.5 k ohm
R119	22545223	22 k ohm
R120	22545822	8.2 k ohm
R121	22545222	2.2 k ohm
R122	22545223	22 k ohm
R123	22545221	220 ohm
R124	22545271	270 ohm
R125	22543271	Carbon 270 ohm, 1/8W, J
R201	22545100	10 ohm
R202	22545561	560 ohm
R203	22545122	1.2 k ohm
R204	22545223	22 k ohm
R205	22545393	39 k ohm
R206	22545393	39 k ohm
R207	22545683	68 k ohm
R208	22545683	68 k ohm
R209	22545562	5.6 k ohm
R210	22545473	47 k ohm
R211	22570218	Metal Oxide 2.2 k ohm, 1W, J
R212	22545272	2.7 k ohm
R213	22545223	22 k ohm
R214	22545102	1 k ohm
R215	22545223	22 k ohm
R216	22500131	Cemented 120 ohm
R217	22545471	470 ohm
R218	22570218	Metal Oxide 1 k ohm, 1W, J
R219	22547332	Carbon 3.3 k ohm, 1/2W, J
R220	22545333	33 k ohm
R221	22545562	5.6 k ohm
R222	22545473	47 k ohm
R301	22545224	220 k ohm
R302	22545224	220 k ohm
R303	22545102	1 k ohm
R304	22545102	1 k ohm
R305	22541564	560 k ohm Low Noise
R306	22541564	560 k ohm Low Noise
R307	22541154	150 k ohm Low Noise
R308	22541154	150 k ohm Low Noise
R309	22545332	3.3 k ohm
R310	22545332	3.3 k ohm

Symbol No.	Part No.	Description
R311	22545153	15 k ohm
R312	22545153	15 k ohm
R313	22545153	15 k ohm
R314	22545153	15 k ohm
R315	22545153	15 k ohm
R316	22545153	15 k ohm
R317	22545823	82 k ohm
R318	22545823	82 k ohm
R319	22545123	12 k ohm
R320	22545123	12 k ohm
R321	22545334	330 k ohm
R322	22545334	330 k ohm
R323	22571222	Metal Oxide 2.2 k ohm, 1W, J
R324	22571222	Metal Oxide 2.2 k ohm, 1W, J
R325	22545822	8.2 k ohm
R326	22545822	8.2 k ohm
R327	22545683	68 k ohm
R328	22545683	68 k ohm
R329	22570156	1 k ohm, 1W, J
R401	22545102	1 k ohm
R402	22545102	1 k ohm
R403	22545473	47 k ohm
R404	22545473	47 k ohm
R405	22541105	1 M ohm Low Noise
R406	22541105	1 M ohm Low Noise
R407	22541124	120 k ohm Low Noise
R408	22541124	120 k ohm Low Noise
R409	22545472	4.7 k ohm
R410	22545472	4.7 k ohm
R411	22545682	6.8 k ohm
R412	22545682	6.8 k ohm
R413	22545392	3.9 k ohm
R414	22545392	3.9 k ohm
R415	22545183	18 k ohm
R416	22545183	18 k ohm
R417	22545393	39 k ohm
R418	22545393	39 k ohm
R419	22545681	680 ohm
R420	22545681	680 ohm
R421	22545472	4.7 k ohm
R422	22545472	4.7 k ohm
R423	22545123	12 k ohm
R424	22545123	12 k ohm
R425	22545272	2.7 k ohm
R426	22545272	2.7 k ohm
R427	22545222	2.2 k ohm
R428	22545222	2.2 k ohm
R501	22543564	Carbon 560 k ohm, 1/8W, J
R502	22543564	Carbon 560 k ohm, 1/8W, J
R503	22543102	Carbon 1 k ohm, 1/8W, J
R504	22543102	Carbon 1 k ohm, 1/8W, J
R505	22543563	Carbon 56 k ohm, 1/8W, J
R506	22543563	Carbon 56 k ohm, 1/8W, J
R507	22543103	Carbon 10 k ohm, 1/8W, J
R508	22543103	Carbon 10 k ohm, 1/8W, J
R509	22543152	Carbon 1.5 k ohm, 1/8W, J
R510	22543152	Carbon 1.5 k ohm, 1/8W, J
R511	22570241	Metal Oxide 39 k ohm 1/4W, G
R512	22570241	Metal Oxide 39 k ohm 1/4W, G
R513	22570233	Metal Oxide 2.2 k ohm, 1/4W, G
R514	22570233	Metal Oxide 2.2 k ohm, 1/4W, G
R515	22543102	Carbon 1 k ohm, 1/8W, J
R516	22543102	Carbon 1 k ohm, 1/8W, J
R517	22543332	Carbon 3.3 k ohm, 1/8W, J
R518	22543332	Carbon 3.3 k ohm, 1/8W, J

Symbol No.	Part No.	Description
R519	22543272	Carbon 2.7 k ohm, 1/8W, J
R520	22543272	Carbon 2.7 k ohm, 1/8W, J
R521	22543122	Carbon 1.2 k ohm, 1/8W, J
R522	22543122	Carbon 1.2 k ohm, 1/8W, J
R523	22543470	Carbon 47 ohm, 1/8W, J
R524	22543470	Carbon 47 ohm, 1/8W, J
R525	22543221	Carbon 220 ohm, 1/8W, J
R526	22543221	Carbon 220 ohm, 1/8W, J
R527	22500188	Cemented 0.33 ohm, 1W, K
R528	22500188	Cemented 0.33 ohm, 1W, K
R529	22500188	Cemented 0.33 ohm, 1W, K
R530	22500188	Cemented 0.33 ohm, 1W, K
R531	22543472	Carbon 4.7 k ohm, 1/8W, J
R532	22543472	Carbon 4.7 k ohm, 1/8W, J
R533	22500163	Fusible 47 ohm, 1/2W, J
R534	22500163	Fusible 47 ohm, 1/2W, J
CASSETTE BLOCK		
R601	22545100	10 ohm
R602	22545100	10 ohm
R603	22545822	8.2 k ohm
R604	22545822	8.2 k ohm
R605	22545331	330 ohm
R606	22545331	330 ohm
R607	22545823	82 k ohm
R608	22545823	82 k ohm
R609	22545104	100 k ohm
R610	22545104	100 k ohm
R611	22545224	220 k ohm
R612	22545224	220 k ohm
R613	22545563	56 k ohm
R614	22545563	56 k ohm
R615	22545181	180 ohm
R616	22545181	180 ohm
R617	22545563	56 k ohm
R618	22545563	56 k ohm
R619	22545683	68 k ohm
R620	22545683	68 k ohm
R621	22545334	330 k ohm
R622	22545334	330 k ohm
R623	22545223	22 k ohm
R624	22545223	22 k ohm
R625	22545181	180 ohm
R626	22545181	180 ohm
R627	22545682	6.8 k ohm
R628	22545682	6.8 k ohm
R629	22545392	3.9 k ohm
R630	22545392	3.9 k ohm
R631	22545333	33 k ohm
R632	22545333	33 k ohm
R633	22545105	1 M ohm
R634	22545105	1 M ohm
R635	22545682	6.8 k ohm
R636	22545682	6.8 k ohm
R637	22545272	2.7 k ohm
R638	22545272	2.7 k ohm
R639	22545392	3.9 k ohm
R640	22545392	3.9 k ohm
R641	22545153	15 k ohm
R642	22545153	15 k ohm
R643	22545122	1.2 k ohm
R644	22545122	1.2 k ohm
R645	22545474	470 k ohm
R646	22545474	470 k ohm
R647	22545331	330 ohm

Symbol No.	Part No.	Description
R648	22545331	330 ohm
R649	22545391	390 ohm
R650	22545391	390 ohm
R651	22545102	1 k ohm
R652	22545102	1 k ohm
R653	22545562	5.6 k ohm
R654	22545562	5.6 k ohm
R655	22545682	6.8 k ohm
R656	22545682	6.8 k ohm
R657	22545105	1 M ohm
R658	22545105	1 M ohm
R659	22545823	82 k ohm
R660	22545823	82 k ohm
R661	22545103	10 k ohm
R662	22545103	10 k ohm
R663	22545681	680 ohm
R664	22545681	680 ohm
R665	22545183	18 k ohm
R666	22545183	18 k ohm
R667	22545272	2.7 k ohm
R668	22545272	2.7 k ohm
R669	22545472	4.7 k ohm
R670	22545472	4.7 k ohm
R671	22545153	15 k ohm
R672	22545153	15 k ohm
R673	22545122	1.2 k ohm
R674	22545122	1.2 k ohm
R675	22545393	39 k ohm
R676	22545393	39 k ohm
R677	22545334	330 k ohm
R678	22545334	330 k ohm
R679	22545222	2.2 k ohm
R680	22545222	2.2 k ohm
R681	22545560	56 ohm
R682	22545560	56 ohm
R683	22545103	10 k ohm
R684	22545103	10 k ohm
R685	22570168	Metal Oxide 220 ohm, 3W, J
R686	22547332	Carbon 3.3 k ohm, 1/2W, J
R687	22547332	Carbon 3.3 k ohm, 1/2W, J
R688	22547332	Carbon 3.3 k ohm, 1/2W, J
R689	22547392	Carbon 3.9 k ohm, 1/2W, J
R690	22547392	Carbon 3.9 k ohm, 1/2W, J
R691	22547182	Carbon 1.8 k ohm, 1/2W, J
R701	22570239	Metal Oxide 820 ohm, 2W, J
R702	22545100	10 ohm
R703	22545100	10 ohm
R704	22545683	68 k ohm
R705	22545391	390 ohm
R706	22545109	1 ohm
R707	22547681	Carbon 680 ohm, 1/2W, J
R801	22545181	180 ohm
R802	22545100	10 ohm
R803	22545562	5.6 k ohm
R804	22545153	15 k ohm
R805	22545223	22 k ohm
ACCESSORIES PARTS		
	20971652	45 r.p.m. Adaptor
	22953736	Owner's Manual
	22124267	FM Antenna
	22122427	AM Antenna
	22154176	Dynamic Microphone
		(For United Kingdom)